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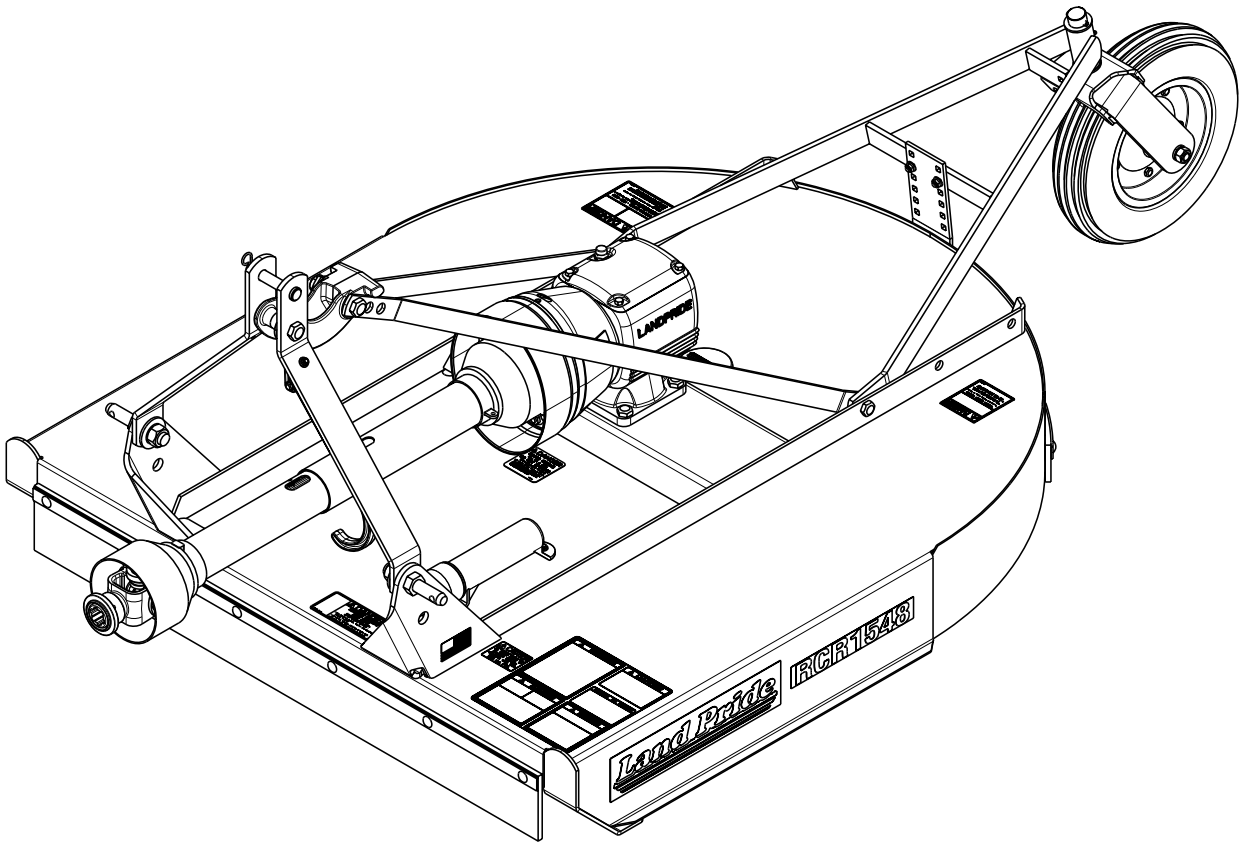
Rotary Cutters

RCR1542 and RCR1548



26578

312-556M

Operator's Manual

Land Pride

Read the Operator's Manual entirely. When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

Cover photo may show optional equipment not supplied with standard unit.

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Printed in the United States of America.

These are common practices that may or may not be applicable to the products described in this manual.

Safety at All Times

Thoroughly read and understand the instructions given in this manual before operation. Refer to the "Safety Label" section, read all instructions noted on them.

Do not allow anyone to operate this equipment who has not fully read and comprehended this manual and who has not been properly trained in the safe operation of the equipment.

- ▲ The operator must not use drugs or alcohol as they can change the alertness or coordination of that person while operating equipment. The operator should, if taking over-the-counter drugs, seek medical advice on whether he/she can safely operate the equipment.
- ▲ Operator must start tractor and operate controls from the driver's seat only. Never from the ground.
- ▲ Operator should be familiar with all functions of the tractor and attachments, and be able to handle emergencies quickly.
- ▲ Make sure all guards and shields are in place and secured before operating implement.
- ▲ Keep all bystanders away from equipment and work area.
- ▲ Do not leave tractor or implement unattended with engine running.
- ▲ Dismounting from a moving tractor can cause serious injury or death.
- ▲ Do not allow anyone to stand between tractor and implement while backing up to implement.
- ▲ Keep hands, feet, and clothing away from power-driven parts.
- ▲ Watch out for fences, trees, rocks, wires, etc., while operating and transporting implement.
- ▲ Turning tractor too tight may cause hitched machinery to ride up on wheels. This could result in injury or equipment damage.

Look For The Safety Alert Symbol

The SAFETY ALERT SYMBOL indicates there is a potential hazard to personal safety involved and extra safety precaution must be taken. When you see this symbol, be alert and carefully read the message that follows it. In addition to design and configuration of equipment, hazard control, and accident prevention are dependent upon the awareness, concern, prudence, and proper training of personnel involved in the operation, transport, maintenance, and storage of equipment.

Be Aware of Signal Words

A Signal word designates a degree or level of hazard seriousness. The signal words are:

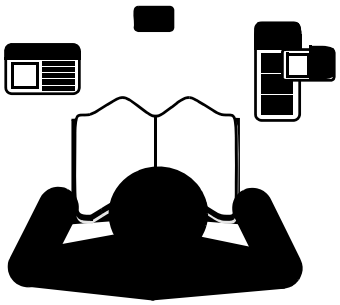
⚠ DANGER
Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations, typically for machine components that, for functional purposes, cannot be guarded.

⚠ WARNING
Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

⚠ CAUTION
Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

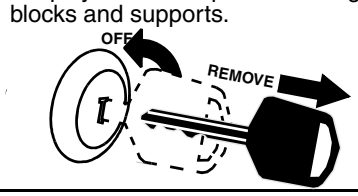
For Your Protection

- ▲ Thoroughly read and understand the "Safety Label" section, read all instructions noted on them.



Tractor Shutdown & Storage

- ▲ If engaged, disengage PTO.
- ▲ Lower attached implement to ground, put tractor in park or set park brake, turn off engine, and remove switch key to prevent unauthorized starting.
- ▲ Wait for all components to come to a complete stop before leaving the operator's seat.
- ▲ Detach and store implement in an area where children normally do not play. Secure implement using blocks and supports.



Parts Manual QR Locator

The QR (Quick Reference) code on the front cover and to the left will take you to the Parts Manual for this equipment. Download the appropriate App on your camera phone, open the App, point your phone on the QR code and take a picture.

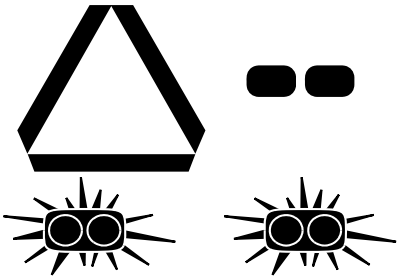
Dealer QR Locator

The QR code on the left will link you to available dealers for Land Pride products. Refer to Parts Manual QR Locator on this page for detailed instructions.

These are common practices that may or may not be applicable to the products described in this manual.

Use Safety Lights and Devices

- ▲ Slow moving tractors, self-propelled equipment, and towed implements can create a hazard when driven on public roads. They are difficult to see, especially at night.
- ▲ Flashing warning lights and turn signals are recommended whenever driving on public roads.

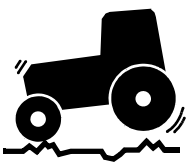


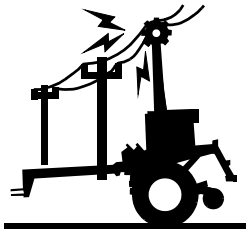
Transport Machinery Safely

- ▲ Comply with state and local laws.
- ▲ Use towing vehicle and trailer of adequate size and capacity.
- ▲ Secure equipment towed on a trailer with tie downs and chains.
- ▲ Sudden braking can cause a trailer to swerve and upset. Reduce speed if trailer is not equipped with brakes.
- ▲ Avoid contact with any over head utility lines or electrically charged conductors.
- ▲ Engage park brake when stopped on an incline.
- ▲ Maximum transport speed for an attached implement is 20 mph. DO NOT EXCEED. Never travel at a speed which does not allow adequate control of steering and stopping. Some rough terrains require a slower speed.
- ▲ As a guideline, use the following maximum speed weight ratios for an attached implement:

  20 mph when weight of attached implement is less than or equal to the weight of machine towing the implement.

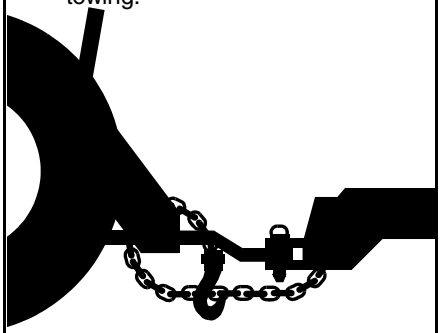
  10 mph when weight of attached implement exceeds weight of machine towing implement but not more than double the weight.
- ▲ **IMPORTANT:** Do not tow a load that is more than double the weight of the machine towing the load.





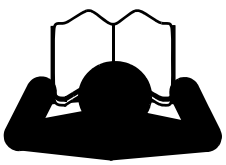
Use A Safety Chain

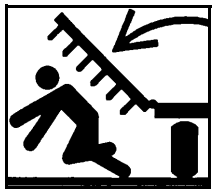
- ▲ A safety chain will help control drawn machinery should it separate from the tractor drawbar.
- ▲ Use a chain with the strength rating equal to or greater than the gross weight of the towed machinery.
- ▲ Attach the chain to the tractor drawbar support or other specified anchor location. Allow only enough slack in the chain to permit turning.
- ▲ Do not use safety chain for towing.



Practice Safe Maintenance

- ▲ Understand procedure before doing work. Use proper tools and equipment, refer to Operator's Manual for additional information.
- ▲ Work in a clean dry area.
- ▲ Lower attached implement to the ground, put tractor in park, turn off engine, and remove key before performing maintenance.
- ▲ Allow implement to cool before working on it.
- ▲ Disconnect battery ground cable (-) before servicing or adjusting electrical systems or before welding on implement.
- ▲ Do not grease or oil implement while it is in operation.
- ▲ Inspect all parts. Make certain parts are in good condition & installed properly.
- ▲ Replace parts on this machine with genuine Land Pride parts only. Do not alter this machine in a way which will adversely affect its performance.
- ▲ Remove buildup of grease, oil, or debris.
- ▲ Remove all tools and unused parts from implement before operation.

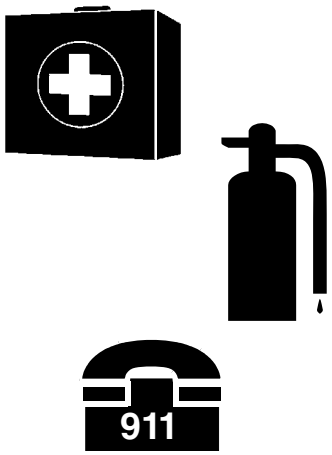




These are common practices that may or may not be applicable to the products described in this manual.

Prepare for Emergencies

- ▲ Be prepared if a fire starts.
- ▲ Keep a first aid kit and fire extinguisher handy.
- ▲ Keep emergency numbers for doctor, ambulance, hospital, and fire department near phone.



Wear Protective Equipment

- ▲ Wear protective clothing and equipment appropriate for the job such as safety shoes, safety glasses, hard hat, and ear plugs.
- ▲ Clothing should fit snug without fringes and pull strings to avoid entanglement with moving parts.
- ▲ Prolonged exposure to loud noise can cause hearing impairment or hearing loss. Wear suitable hearing protection such as earmuffs or earplugs.
- ▲ Operating equipment safely requires the operator's full attention. Avoid wearing radio headphones while operating machinery.

Avoid High Pressure Fluids Hazard

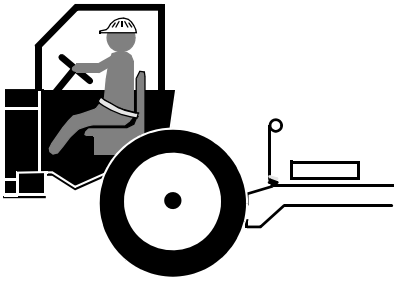
- ▲ Escaping fluid under pressure can penetrate the skin causing serious injury.
- ▲ Avoid the hazard by relieving pressure before disconnecting hydraulic lines or performing work on the system.
- ▲ Make sure all hydraulic fluid connections are tight and all hydraulic hoses and lines are in good condition before applying pressure to the system.
- ▲ Use a piece of paper or cardboard, NOT BODY PARTS, to check for suspected leaks.
- ▲ Wear protective gloves and safety glasses or goggles when working with hydraulic systems.
- ▲ **DO NOT DELAY.** If an accident occurs, see a doctor familiar with this type of injury immediately. Any fluid injected into the skin or eyes must be treated within a few hours or gangrene may result

Tire Safety

- ▲ Tire changing can be dangerous and should be preformed by trained personnel using the correct tools and equipment.
- ▲ When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly. Use a safety cage if available.
- ▲ When removing and installing wheels, use wheel handling equipment adequate for the weight involved.

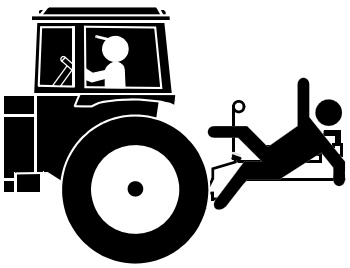
Use Seat Belt and ROPS

- ▲ Operate only tractors equipped with a Roll-Over Protective Structure (ROPS) and seat belt.
- ▲ Fasten seat belt snugly and securely to help protect against serious injury or death from falling and tractor overturn.
- ▲ Wear protective equipment such as a hard hat, safety shoes, safety glasses, and ear plugs.



Keep Riders Off Machinery

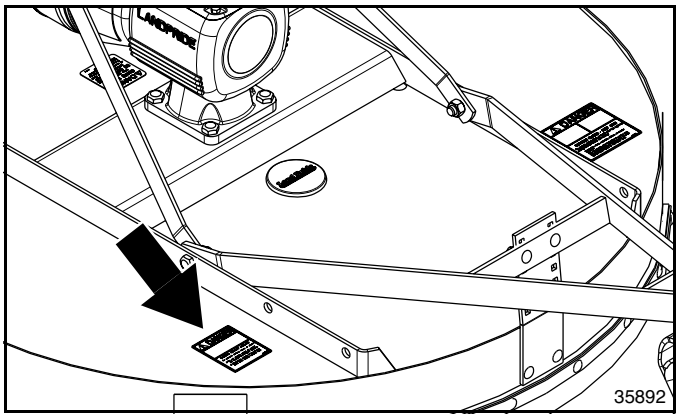
- ▲ Never carry riders or use machinery as a person lift.
- ▲ Riders obstruct operator's view.
- ▲ Riders could be struck by foreign objects or thrown from the machine.
- ▲ Never allow children to operate equipment.



Safety Labels

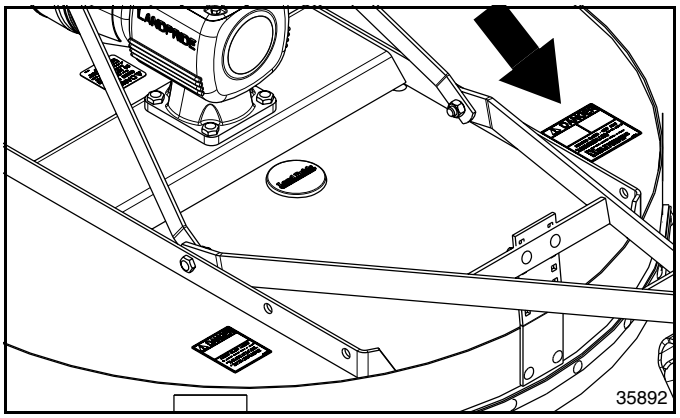
Your Rotary Cutter comes equipped with all safety labels in place. They were designed to help you safely operate your implement. Read and follow their directions.

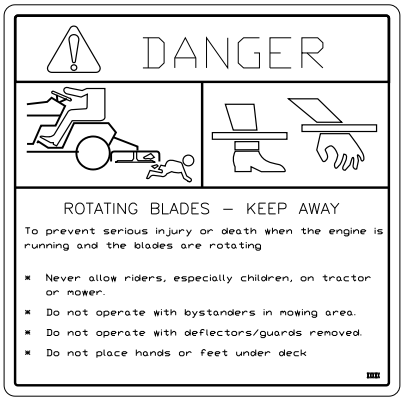
1. *Keep all safety labels clean and legible.*
2. *Refer to this section for proper label placement. Replace all damaged missing labels. Order new labels from your nearest Land Pride dealer. To find your nearest dealer, visit our dealer locator at www.landpride.com.*
3. *Some new equipment installed during repair requires safety labels to be affixed to the replaced component as specified by Land Pride. When ordering new components make sure the correct safety labels are included in the request.*
4. *Refer to this section for proper label placement.*
   To install new labels:
   a. *Clean surface area where label is to be placed.*
   b. *Spray soapy water onto the clean area where label will be placed.*
   c. *Peel backing from label and press label firmly onto the surface.*
   d. *Squeeze out air bubbles with the edge of a credit card or with a similar type of straight edge.*



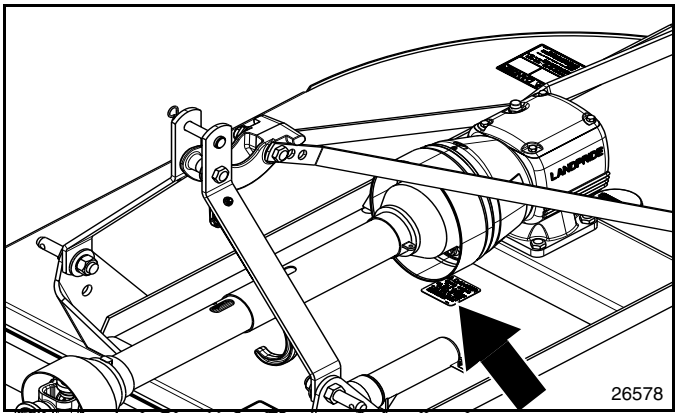
DANGER
THROWN OBJECT HAZARD
To prevent serious injury or death:
* Do not operate unless all guards are installed and in good condition.
* Stop blade rotation if bystanders come within several hundred feet.
818-556C

818-556C
Danger Thrown Object



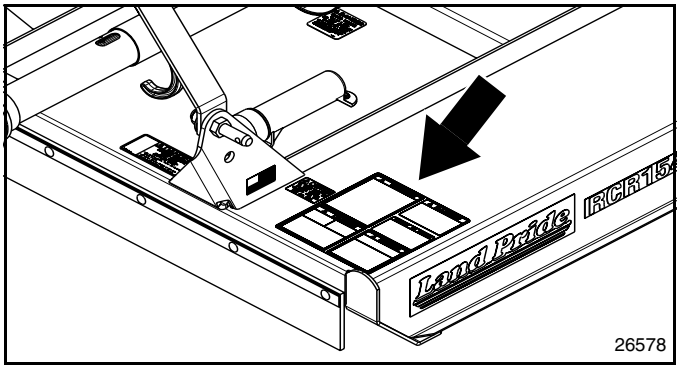

DANGER
ROTATING BLADES – KEEP AWAY
To prevent serious injury or death when the engine is running and the blades are rotating
* Never allow riders, especially children, on tractor or mower.
* Do not operate with bystanders in mowing area.
* Do not operate with deflectors/guards removed.
* Do not place hands or feet under deck

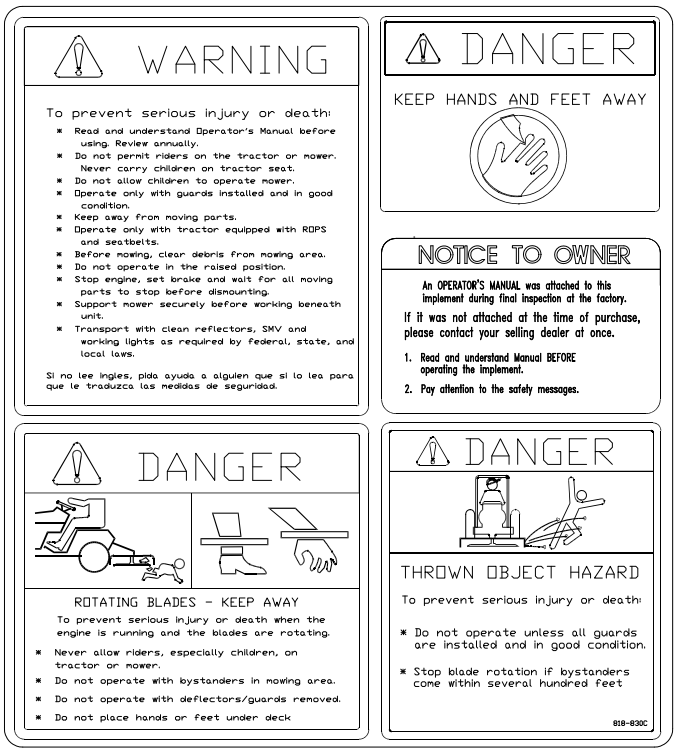
818-564C
Chain Guard



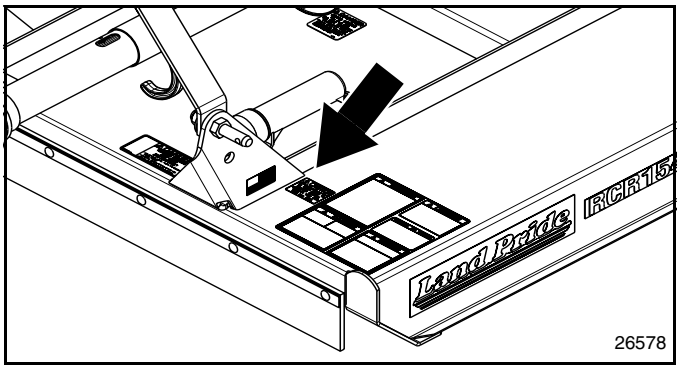
DANGER
GUARD MISSING
When this is visible
DO NOT OPERATE
ENTANGLEMENT HAZARD
can cause Serious Injury or Death
Si no entiende ingles, se prefiere que busque a alquien que interprete las instrucciones para usted.
PHDC 6

818-543C
Danger PTO Shield



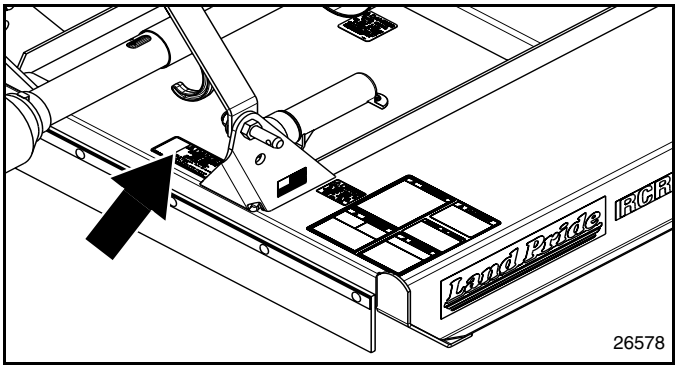

WARNING
To prevent serious injury or death:
* Read and understand Operator's Manual before using. Review annually.
* Do not permit riders on the tractor or mower. Never carry children on tractor seat.
* Do not allow children to operate mower.
* Operate only with guards installed and in good condition.
* Keep away from moving parts.
* Operate only with tractor equipped with ROPS and seatbelts.
* Before mowing, clear debris from mowing area.
* Do not operate in the raised position.
* Stop engine, set brake and wait for all moving parts to stop before dismounting.
* Support mower securely before working beneath unit.
* Transport with clean reflectors, SMV and working lights as required by federal, state, and local laws.
Si no lee ingles, pida ayuda a alguien que si lo lea para que le traduzca las medidas de seguridad.
DANGER
KEEP HANDS AND FEET AWAY
NOTICE TO OWNER
An OPERATOR'S MANUAL was attached to this implement during final inspection at the factory.
If it was not attached at the time of purchase, please contact your selling dealer at once.
1. Read and understand Manual BEFORE operating the implement.
2. Pay attention to the safety messages.
DANGER
ROTATING BLADES - KEEP AWAY
To prevent serious injury or death when the engine is running and the blades are rotating.
* Never allow riders, especially children, on tractor or mower.
* Do not operate with bystanders in mowing area.
* Do not operate with deflectors/guards removed.
* Do not place hands or feet under deck
DANGER
THROWN OBJECT HAZARD
To prevent serious injury or death:
* Do not operate unless all guards are installed and in good condition.
* Stop blade rotation if bystanders come within several hundred feet
818-830C

818-830C



818-130C

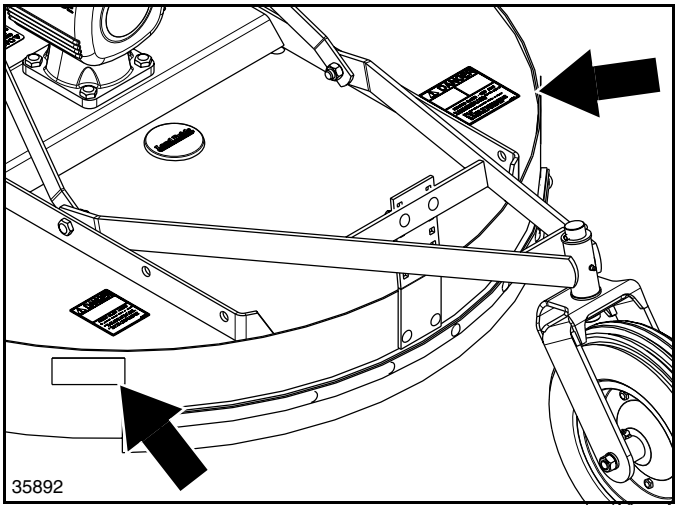
Caution 540 RPM



DANGER
ROTATING DRIVELINE
CONTACT WILL CAUSE INJURY OR DEATH
KEEP AWAY!
DO NOT OPERATE WITHOUT –
• All driveline guards, tractor and equipment shields in place
• Drivelines securely attached at both ends
• Driveline guards that turn freely on driveline
818-142C Rev. D

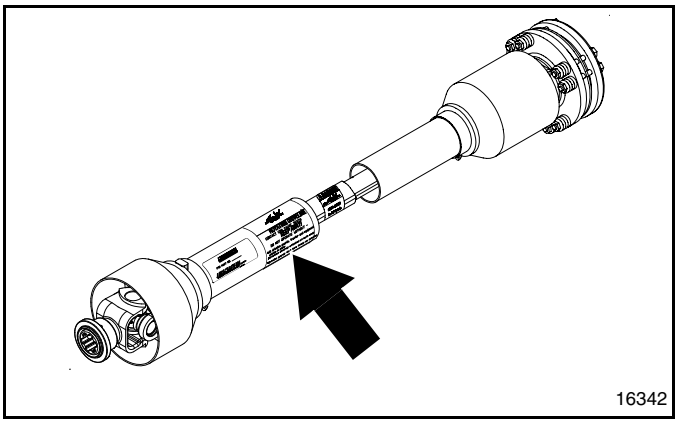
818-142C

Danger Driveline



858-095C

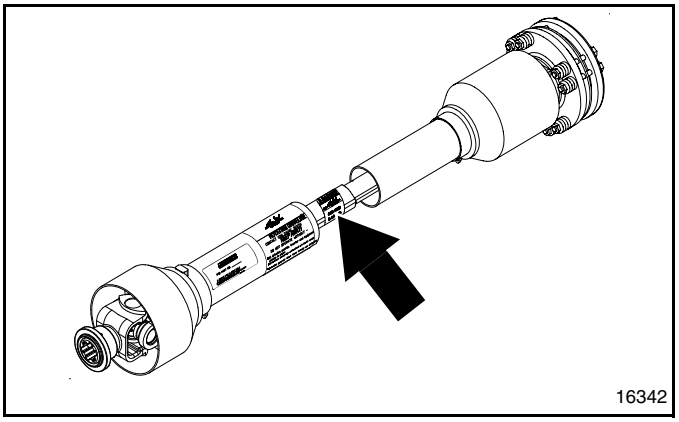
2" x 4 1/2" Red Reflector (2 places)



DANGER
ROTATING DRIVELINE
CONTACT CAN CAUSE DEATH
KEEP AWAY!
DO NOT OPERATE WITHOUT –
• All driveline guards, tractor and equipment shields in place
• Drivelines securely attached at both ends.
• Driveline guards that turn freely on Driveline
818-552C

818-552C

Danger PTO Driveline



818-540C

Danger Guard Missing

Land Pride welcomes you to the growing family of new product owners.

This Rotary Cutter has been designed with care and built by skilled workers using quality materials. Proper assembly, maintenance, and safe operating practices will help you get years of satisfactory use from this machine.

Application

Land Pride's RCR15 Series Rotary Cutters are ideal for clearing grass, weeds, and light brush. These cutters offer fast, clean, dependable mowing, and have been extensively tested to ensure operating safety. High blade tip speeds assure a clean cut in a variety of field conditions. The standard stump jumper slides over stumps, rocks, and debris and safety guards keep you up and running.

See **"Specifications & Capacities"** on page 26 and **"Features & Benefits"** on page 28 for additional information and performance enhancing options.

Using This Manual

- This Operator's Manual is designed to help familiarize you with safety, assembly, operation, adjustments, troubleshooting, and maintenance. Read this manual and follow the recommendations to help ensure safe and efficient operation.
- The information contained within this manual was current at the time of printing. Some parts may change slightly to assure you of the best performance.
- To order a new Operator's or Parts Manual, contact your authorized dealer. Manuals can also be downloaded, free-of-charge, from our website at www.landpride.com

Terminology

"Right" or "Left" as used in this manual is determined by facing forward in the direction the machine will operate while in use unless otherwise stated.

Definitions

IMPORTANT: A special point of information related to the following topic. Land Pride's intention is this information must be read & noted before continuing.

NOTE: A special point of information that the operator should be aware of before continuing.

Owner Assistance

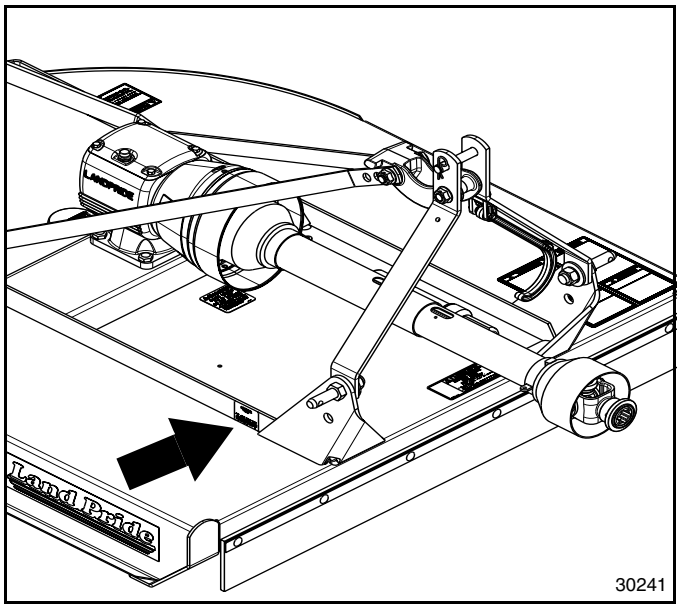
The Online Warranty Registration should be completed by the dealer at the time of purchase. This information is necessary to provide you with quality customer service.

The parts on your Rotary Cutter have been specially designed by Land Pride and should only be replaced with genuine Land Pride parts. Contact a Land Pride dealer if customer service or repair parts are required. Your Land Pride dealer has trained personnel, repair parts, and equipment needed to service the implement.

Serial Number

Model No. _____Serial No. _____

For quick reference and prompt service, record model number and serial number in the spaces provided above and again on warranty page 31. Always provide model number and serial number when ordering parts and in all correspondences with your Land Pride dealer. Refer to Figure 1 for location of your serial number plate.



Serial Number Plate Location
Figure 1

Further Assistance

Your dealer wants you to be satisfied with your new Rotary Cutter. If for any reason you do not understand any part of this manual or are not satisfied with the service received, the following actions are suggested:

1. Discuss the matter with your dealership service manager making sure that person is aware of any problems you may have and has had the opportunity to assist you.
2. If you are still not satisfied, seek out the owner or general manager of the dealership, explain the problem, and request assistance.
3. For further assistance write to:

Land Pride Service Department
1525 East North Street
P.O. Box 5060
Salina, Ks. 67402-5060

E-mail address
lpservicedept@landpride.com

Tractor Requirements

Tractor horsepower should be within the range noted below. Tractors outside the horsepower range must not be used.

Horsepower Rating	20-50 HP
Rear PTO Shaft Type	1 3/8"-6 Spline
Rear PTO Speed	540 RPM
Hitch Type	3-Point Cat. I or Cat I limited
Hydraulic Outlets	Not Required
Tractor Weight	See Important Note Below

WARNING

Ballast weights may need to be added to your tractor to maintain steering control. Refer to your tractor operator's manual to determine proper ballast requirements.

Torque Requirements

Refer to **"Torque Values Chart"** on page 30 to determine correct torque values for common bolts. See **"Additional Torque Values"** at bottom of chart for exceptions to standard torque values.

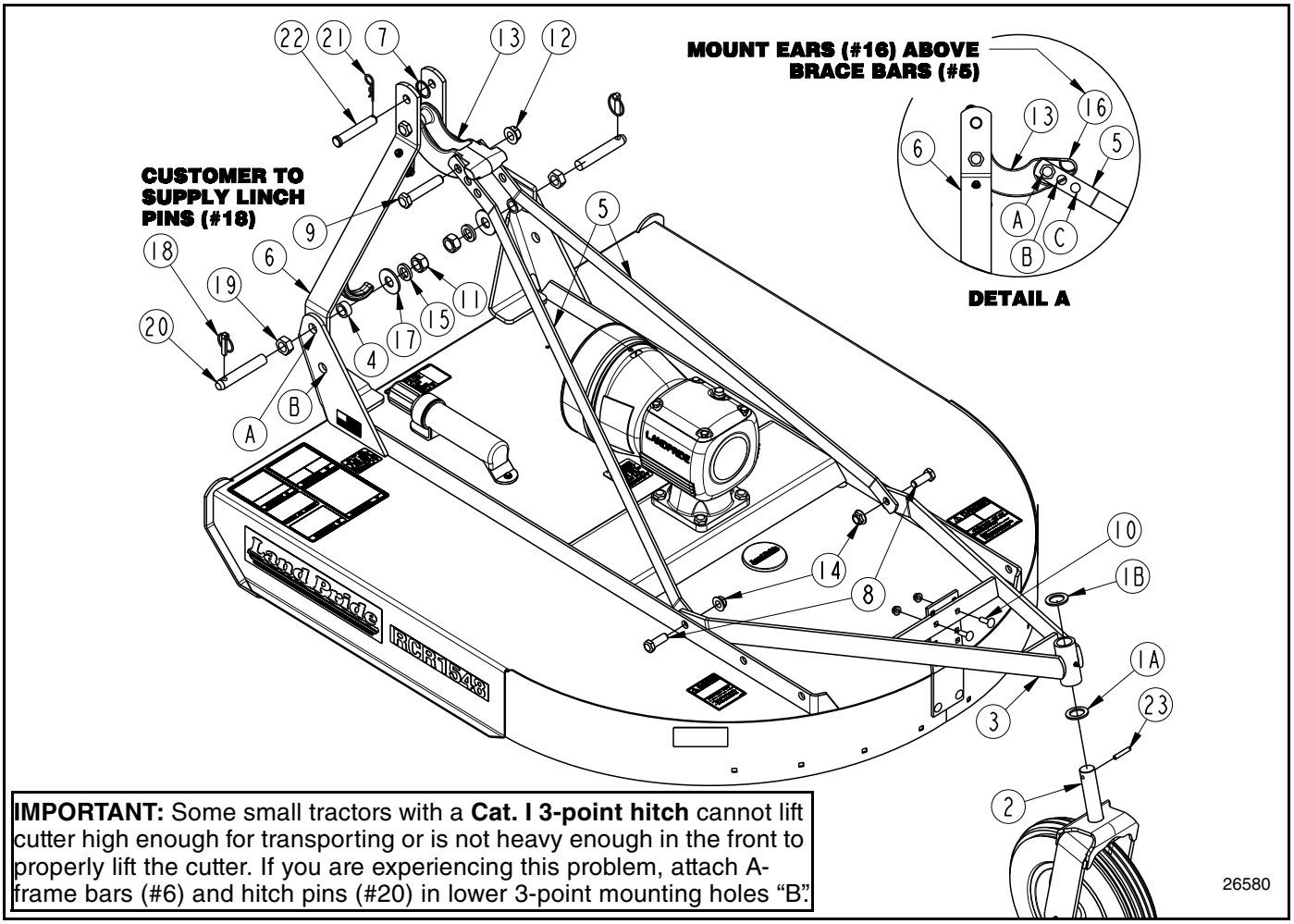
Dealer Assembly

NOTE: Do not tighten hardware to the correct torque until assembly is complete.

Refer to Figure 1-1:

1. Remove linchpins (#18) and hitch pins (#20) from shipping crate. Discard small linchpins (#18) as they are for shipping purposes only. Keep jam nuts (#19), flat washers (#17), and lock washers (#15).
2. Bushings (#4) are zip tied to top hitch (#13).
3. Hex nuts (#11) and snap ring (#7) are shipped stored on clevis pin (#22). Remove hairpin cotter (#21), clevis pin (#22), nuts (#11), and snap ring (#2).
4. Reattach clevis pin (#22) to A-frames (#6) with hairpin cotter (#21). Keep nuts (#11) and snap ring (#7) for hitch pin and driveline assemblies.

IMPORTANT: Length of lower hitch pins can be adjusted with jam nut (#19) to operator preference. Make certain there are two or more threads showing beyond hex nuts (#11) after they are torqued tight.


MOUNT EARS (#16) ABOVE BRACE BARS (#5)
DETAIL A
CUSTOMER TO SUPPLY LINCH PINS (#18)
IMPORTANT: Some small tractors with a Cat. I 3-point hitch cannot lift cutter high enough for transporting or is not heavy enough in the front to properly lift the cutter. If you are experiencing this problem, attach A-frame bars (#6) and hitch pins (#20) in lower 3-point mounting holes "B".
26580

Dealer Assembly
Figure 1-1

5. Screw jam nuts (#19) onto hitch pins (#20) until 2" of threads are visible between jam nut and end of pin.
6. Attach hitch pins (#20) and A-frames (#6) as follows:
   a. If attaching cutter to a 3-point **Cat. I hitch**, install hitch pins (#20) and A-frames (#6) to upper hitch pins holes "A" with bushings (#4), flat washers (#17), lock washers (#15), and hex nuts (#11).
   b. See Important Note in Figure 1-1 on page 8: If tractor is too small to lift cutter high enough for transporting, install hitch pins (#20) and A-frames (#6) in lower hitch pin holes "B" with bushings (#4), flat washers (#17), lock washers (#15), and hex nuts (#11).
   c. Tighten hex nuts (#11) to the correct torque.
7. Insert properly sized linchpins (#18) in hitch pins (#20). (Customer to supply proper sized linchpins.)
8. Remove hex flange lock nuts (#14) from bolts (#8). Do not remove bolts.
9. Attach rear braces (#5) inside of tailwheel main frame (#3) with 5/8"-11 x 1 3/4" GR5 bolts (#8) and secure with hex flange lock nuts (#14). Draw lock nuts (#14) up snug and then back off 1/4 turn.

IMPORTANT: See Detail A in Figure 1-1 on page 8: Floating top hitch (#13) must be installed with ears (#16) above rear brace bars (#5).

10. Rotate A-frame/floating top hitch (#6 & #13) up and rotate left rear brace (#5) up as follows:
    a. If attaching cutter to a 3-point Cat. I hitch, align holes A in rear braces (#5) with hole in floating top hitch (#13).
    b. If tractor is too small to lift cutter high enough for transporting, align hole B in rear braces (#5) with hole in floating top hitch (#13).
11. Insert 3/4"-10 x 4" GR5 bolt (#9) into the left rear brace (#5), floating top hitch (#13), and right rear brace (#5).
12. Secure bolt with hex flange lock nut (#12). Draw locknut (#12) up snug and then back off 1/4 turn.
13. Install machine washer (#1A) on tailwheel spindle (#2).

NOTE: Bolts (#10) may need to be removed or the rear of the cutter may need to be raised before tail wheel spindle (#2) can be inserted into tail wheel A-frame (#3).

14. Insert tailwheel spindle (#2) in tailwheel A-frame (#3).
15. Install washer (#1B) on tailwheel spindle (#2).
16. Insert roll pin (#23) on spindle (#2) above washer (#1B).

NOTE: After assembly of hitch and tailwheel, push on top of A-frame assembly (#6). It should rotate backward and floating top link (#13) should rotate upward. If they are too stiff to rotate, loosen nuts (#12 & #14) until they will rotate freely.

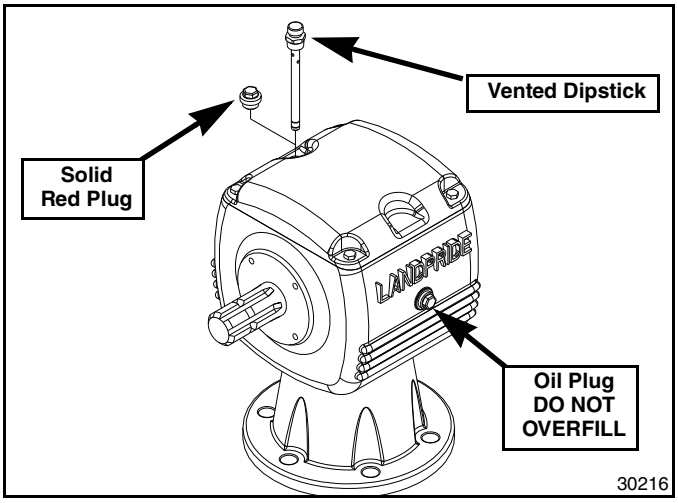


Figure 1-2

Gearbox Vent Plug

Refer to Figure 1-2:

IMPORTANT: Rotary Cutters are shipped with a solid plug in the gearbox to prevent loss of oil during shipping and handling. The solid plug on top of the gearbox must be replaced with a vented dipstick. Do not operate cutter without vented dipstick installed.

A vented dipstick for the gearbox is included in a bag with the manual. See your nearest Land Pride Dealer if dipstick is missing. Remove temporary red plug from top of gearbox and replace with supplied vented dipstick.

Driveline Installation

DANGER

Do not engage tractor PTO while hooking-up and unhooking driveline or while someone is standing near the driveline. A person's body and/or clothing can become entangled in the driveline resulting in serious injury or death.

DANGER

All guards and shields must be installed and in good working condition at all times during cutter operation.

WARNING

Always disengage PTO, put tractor in park or set park brake, shut tractor engine off, remove ignition key, and wait for blades to come to a complete stop before dismounting tractor.

WARNING

Do not over-speed PTO or machine breakage may result. Some tractors are equipped with multispeed PTO ranges. Be certain your tractor's PTO does not exceed 540 RPM.

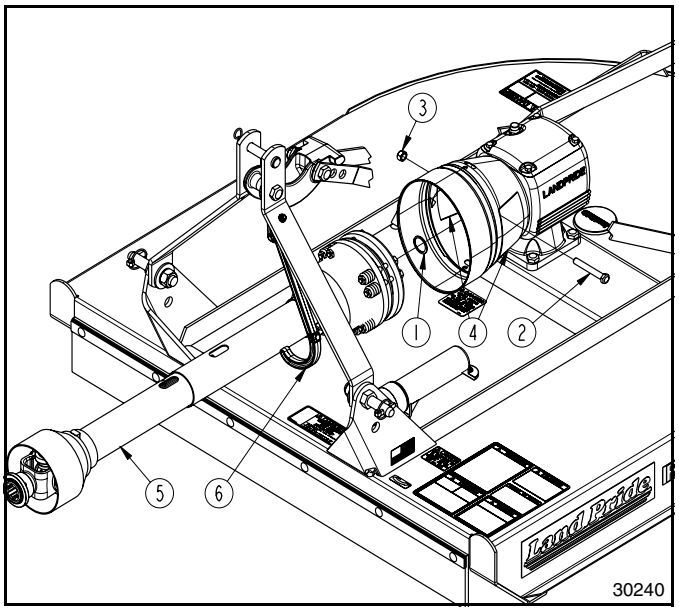
WARNING

Do not use a PTO adaptor with a quick hitch. A PTO adapter will increase strain on the tractor's PTO shaft resulting in possible damage to shaft and driveline.

IMPORTANT: An additional driveline may be required if cutter is to be used on more than one tractor, especially if a Quick Hitch is used.

The driveline must be lubricated before putting it into service. Refer to **"Lubrication Points"** on page 24.

The tractor's PTO shaft and cutter gearbox shaft must be aligned and level with each other when hooking-up the driveline to the tractor.



Driveline Installation
Figure 1-3

Refer to Figure 1-3:

1. Unsnap side access covers (#4) from both sides of the gearbox shield. Save covers for reuse.
2. Remove bolt (#2) from end of driveline (#5).
3. Slide driveline (#5) onto gearbox input shaft until holes in driveline yoke aligns with hole in gearbox input shaft.
4. Insert bolt (#2) through driveline yoke and gearbox input shaft.
5. Secure bolt with removed nut (#3). Tighten hex nut to the correct torque.
6. Skip to step #8 if installing a slip clutch driveline.

NOTE: Snap ring (#1) is for extra security should driveline shear bolt (#2) break. Do not use snap ring with a slip clutch driveline.

7. If driveline (#5) has a shear bolt instead of a slip clutch, install snap ring (#1) onto the gearbox input shaft groove. Discard snap ring if driveline has a slip clutch.
8. Reinstall access covers (#4).
9. Raise driveline (#5) up and rotate driveline hook (#6) down.
10. Lower driveline (#5) until resting in driveline hook (#6).
11. Continue with **"3-Point Hook-Up"** on page 11.

3-Point Hook-Up

Refer to Figure 1-4:

DANGER

A Crushing Hazard exists when hooking-up equipment to a tractor. Do not allow anyone to stand between tractor and implement while backing-up to implement. Do not operate hydraulic 3-point lift controls while someone is directly behind tractor or near implement.

NOTE: Land Pride's Quick Hitch can be attached to the tractor to provide quick and easy 3-point hook-up and detachment. See your nearest Land Pride dealer to purchase a Quick-Hitch.

1. Slowly back tractor up to Rotary Cutter while using tractor's 3-Point hydraulic control lever to align lower 3-Point arm holes with cutter hitch pins (#1).
2. Engage tractor park brake, shut tractor engine off, and remove key before dismounting from tractor.
3. Slide lower 3-point lift arms onto cutter hitch pins (#1). Install linchpins (#2) through hitch pin holes to lock lower 3-point arms into position. Linchpins are supplied by customer.
4. Connect top center 3-Point link to upper hitch pin holes using factory supplied 3/4" clevis pin (#3). Secure clevis pin with hairpin cotter (#4).
5. Ensure tractor lower hitch arms are blocked to prevent excessive side movement.
6. The arm lift rods on your tractor's 3-point lift arms should be adjusted to allow for lateral float. Please consult your tractor's manual for adjusting instructions.

Hook-up Driveline to Tractor PTO

Refer to Figure 1-4:

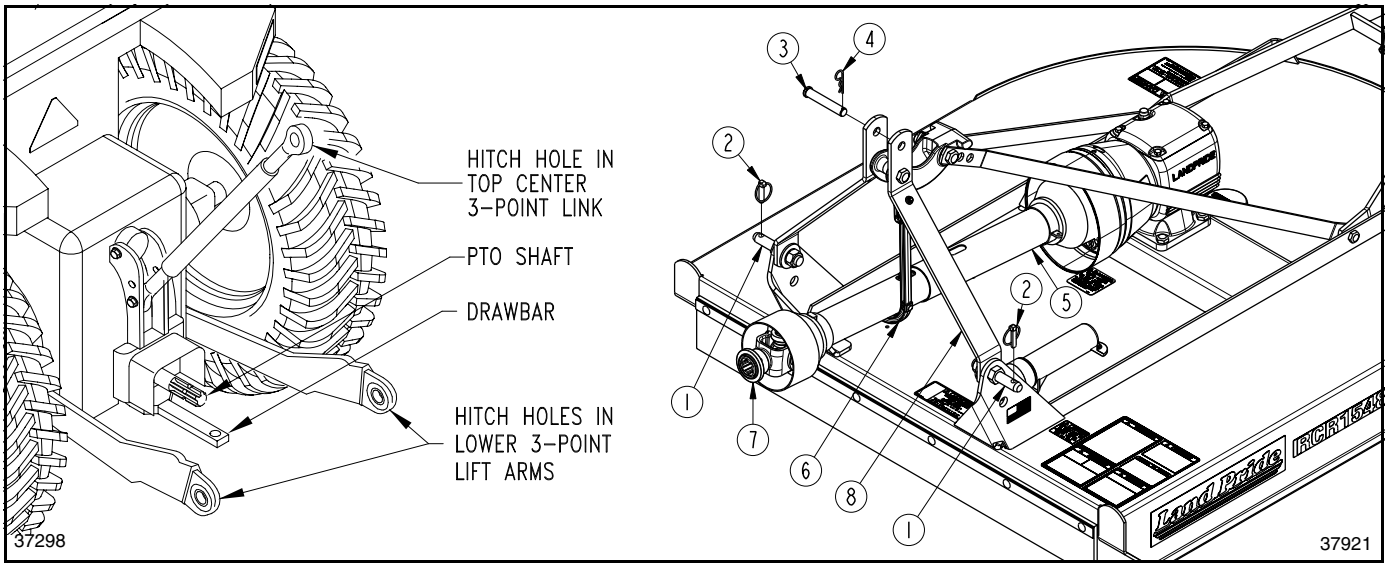
WARNING

Do not use a PTO adapter. A PTO adapter will increase strain on the tractor's PTO shaft resulting in possible damage to shaft and driveline. It will also defeat the purpose of the tractor's master shield and could cause bodily injury or death.

1. With tractor parked on a level surface, place gear selector in park or set park brake. Make sure PTO is disengaged.
2. Slowly engage tractor 3-point lift lever to raise cutter until gearbox input shaft is at the same height as the tractor PTO shaft.
3. Support cutter deck at this height with support jacks or blocks to keep cutter from drifting down.
4. Shut tractor engine off and remove switch key.
5. Lift driveline (#5) off of driveline support (#6).
6. Driveline support (#6) will rotate up until secure against A-frame (#8) as it is spring loaded.
7. Collapse driveline (#5) by pushing tractor end of driveline toward the gearbox.

IMPORTANT: Skip to **"Check Driveline Collapsible Length"** on page 12 if driveline is too long to start onto tractor PTO shaft.

8. Pull back on driveline yoke collar (#7) and slide yoke over tractor PTO shaft.
9. Release locking collar (#7) and continue to push outer yoke onto tractor PTO shaft until locking collar snaps into place.
10. The driveline should now be moved back and forth to ensure both ends are secured to the tractor shaft and gearbox shaft. Reattach any end that is loose.



Tractor Hook-Up
Figure 1-4

Check Clearances

1. Return to tractor and slowly raise and lower implement carefully to ensure drawbar, tires, and other equipment on the tractor do not make contact with cutter frame and driveline. Move or remove drawbar if needed.
2. Manually adjust one of the two lower 3-point lift arms up or down to level the Rotary Cutter from left to right. Final adjustments will be made later during **"Deck Leveling & Height Adjustments"** on page 14.

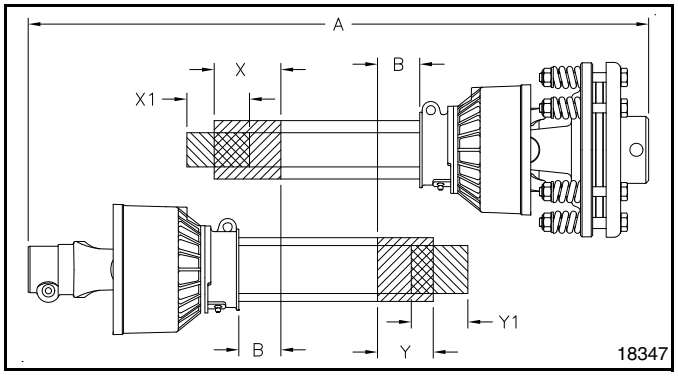
Check Driveline Collapsible Length

IMPORTANT: A driveline that is too long can bottom out causing structural damage to tractor and cutter. Always check driveline collapsed length during initial setup, when connecting to a different tractor, and when alternating between using a quick hitch and a standard 3-point hitch. More than one driveline may be required to fit all applications.

1. Make sure driveline is properly installed and level before checking driveline collapsible length. (Refer to **"Check Driveline Collapsible Length"** instructions on page 12.)

Refer to Figure 1-5:

2. With driveline level, measure 1" (**"B"** dimension) back from universal joint shield to end of outer driveline shield as shown in Figure 1-5.
3. If measurement is 1" or more, skip to **"Check Driveline Interference"** on right side of this page. If measurement is less than 1", shorten driveline using instructions provided below.



Driveline Shortening
Figure 1-5

Shorten Driveline

Be sure to first check driveline collapsible length above. If required, shorten driveline as follows:

Refer to Figure 1-5:

1. Unhook driveline from tractor PTO shaft and pull outer and inner drivelines apart.
2. Reattach outer driveline to tractor PTO shaft. Pull on inner and outer drivelines to be sure universal joints are properly secured.
3. Hold inner and outer drivelines parallel to each other:
   a. Measure 1" (**"B"** dimension) back from outer driveline universal joint shield and make a mark at this location on the inner driveline shield.
   b. Measure 1" (**"B"** dimension) back from the inner driveline universal joint shield and make a mark at this location on the outer driveline shield.
4. Remove driveline from tractor and gearbox shafts.
5. Measure from end of inner shield to scribed mark (**"X"** dimension). Cut off inner shield at the mark. Cut same amount off the inner shaft (**"X1"** dimension).
6. Measure from end of outer shield to scribed mark (**"Y"** dimension). Cut off outer shield at the mark. Cut same amount off the outer shaft (**"Y1"** dimension).
7. Remove all burrs and cuttings.
8. Apply multi-purpose grease to the inside of the outer shaft and reassemble driveline.
9. Reattach driveline to cutter and tractor. Refer **"Check Driveline Collapsible Length"** instructions on page 12.
10. Continue with **"Check Driveline Interference"** below.

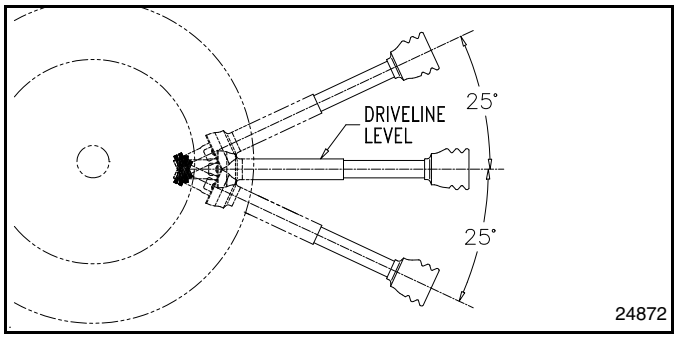
Check Driveline Interference

1. Make certain driveline yokes are properly attached.
2. Start tractor and raise cutter up just enough to remove support blocks. Remove support blocks.
3. Slowly engage tractor hydraulic 3-Point control lever to lower cutter while checking for sufficient drawbar clearance. Move drawbar ahead, aside, or remove if required.

Refer to Figure 1-6:

IMPORTANT: Avoid premature driveline breakdown. A driveline that is operating **must not exceed** an angle of 25 degrees up or down while operating 3-point lift.

4. Raise and lower implement to find maximum extended driveline length. Check to make certain driveline does not exceed 25° up or down.
5. If needed, set tractor 3-Point lift height to keep driveline from exceeding 25° up.



Maximum PTO Driveline Movement During Operation
Figure 1-6

Safety Guards

DANGER

Rotary Cutters have the ability to discharge objects at high speeds; therefore, the use of front and rear safety guards is strongly recommended when cutting along highways or in areas where people may be present.

WARNING

Not all objects will be stopped by safety guards. Therefore, use extreme caution when cutting in areas where people may be present. It is best to operate the cutter when no one is nearby. Stop blade rotation if someone is within several hundred feet.

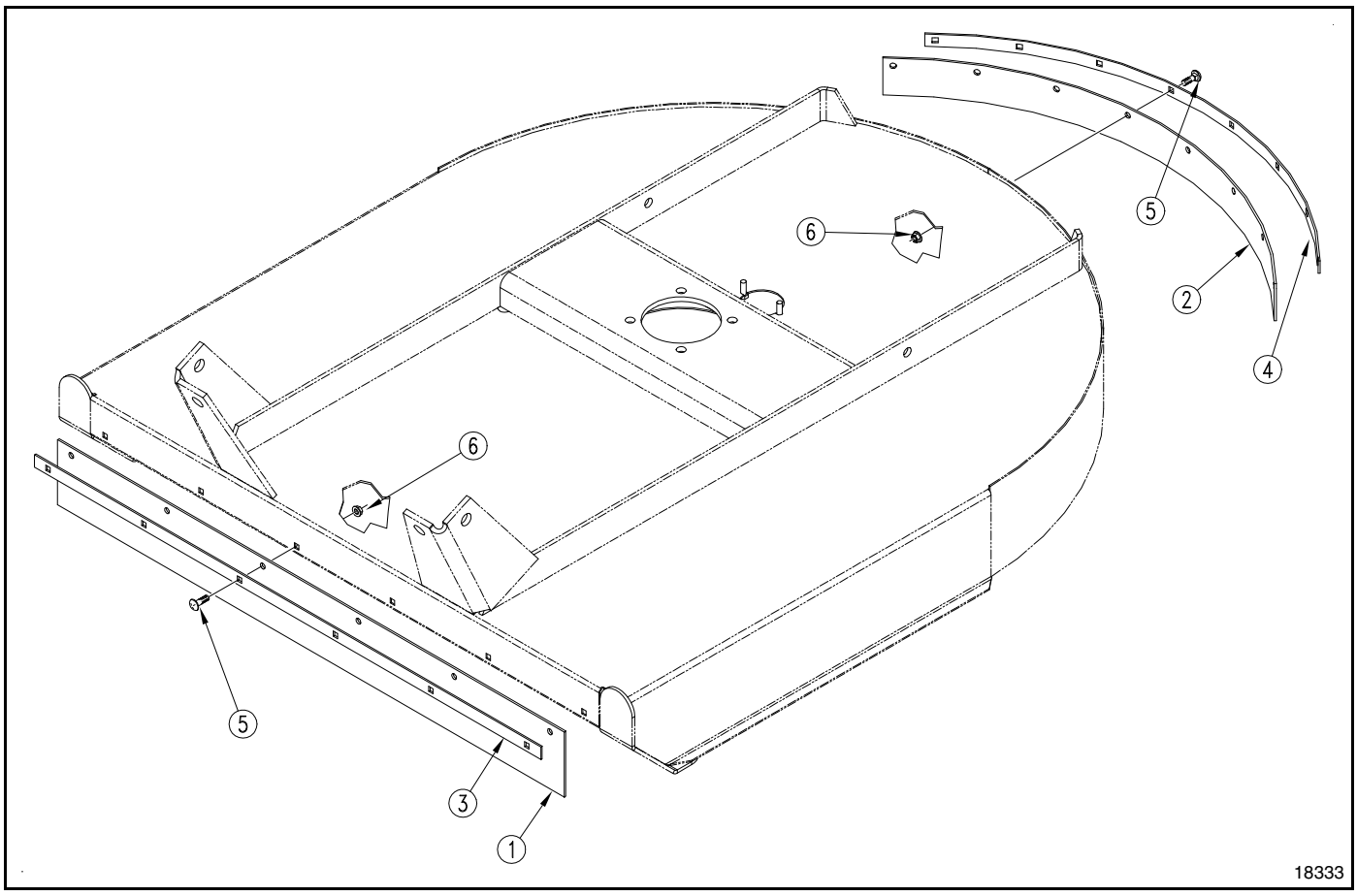
Front Rubber Guard

Refer to Figure 2-1:

1. Install front rubber guard (#1)and front strap (#3) with 3/8" x 1" long carriage bolts (#5) and 3/8" flange nuts (#6).
2. Tighten all nuts and bolts to proper torque.

Rear Rubber Guard

1. Install rear rubber guard (#2) and rear strap (#4) with 3/8" x 1" long carriage bolts (#5) and 3/8" flange nuts (#6).
2. Tighten all nuts and bolts to proper torque.



Rubber Guards (RCR1548 Shown)
Figure 2-1

Deck Leveling & Height Adjustments

There are 4 primary adjustments that should be made prior to actual field operations:

- **Deck Leveling From Left to Right**
- **Deck Leveling From Front to Rear**
- **Set tractor's 3-Point hydraulic control stop at this height.**
- **Tailwheel Height Adjustment**

Proper adjustment of each of these items will provide for higher efficiency, improved cutting performance, and longer blade life. The following tools will be needed:

- Pliable tape measure
- Spirit or carpenters level
- Open end or hex end wrench or socket set
- Protective gloves

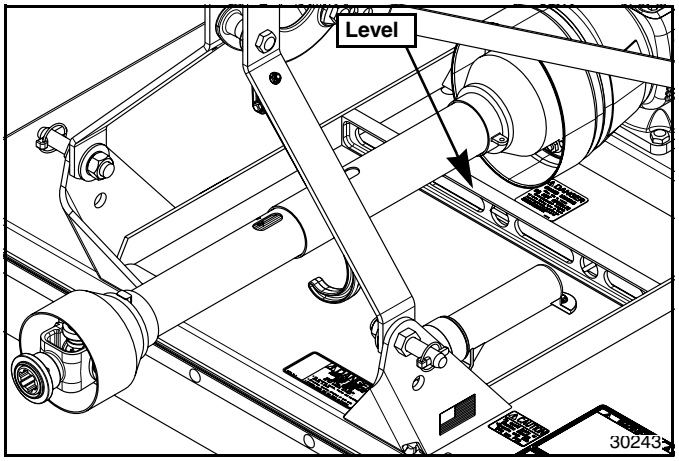
WARNING

Always disengage PTO, put tractor in park or set park brake, shut tractor engine off, remove ignition key, and wait for all moving parts to stop before dismounting from tractor.

Deck Leveling From Left to Right

Refer to Figure 3-1:

1. Locate tractor and Rotary Cutter on a flat, level surface.
2. Use tractor's hydraulic 3-Point control to lower cutter until the tailwheel makes contact with the ground surface.
3. Place a spirit level or other suitable leveling device on the front of the cutter deck as shown in Figure 3-1. Manually adjust either one or both of the tractor's lower 3-Point arm height adjustments to level the deck from left to right. Some tractors have only a single adjusting crank.



Deck Leveling
Figure 3-1

Deck Leveling From Front to Rear

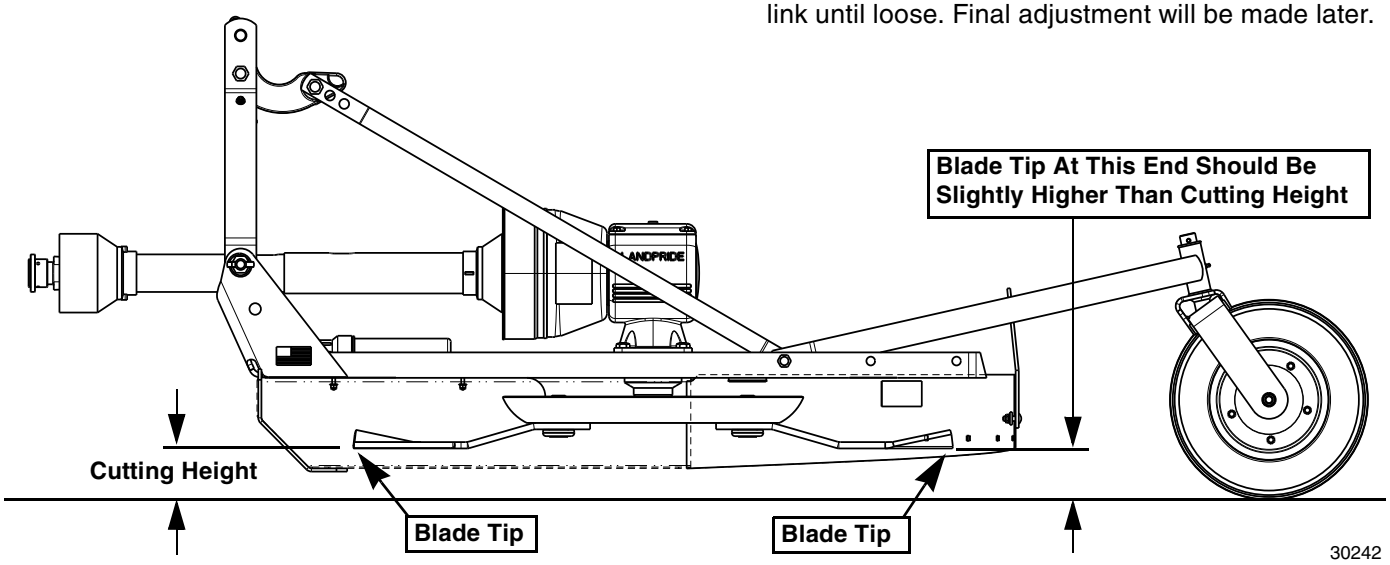
Refer to Figure 3-2:

CAUTION

Avoid direct contact with cutter blades by wearing a pair of gloves. Cutter blades have sharp edges and burrs that can cause injuries.

IMPORTANT: The front blade tip should be lower than rear blade tip by approximately 1". The cutter is subject to continuous material flow under the deck if the rear blade is at the same height or lower than the front blade causing horsepower loss, grass clumps, blade wear, and frequent blade sharpening.

1. Using tractor's 3-Point hydraulic control, raise or lower the 3-Point arms until the front of the deck is slightly lower than the rear of the deck.
2. The top center link should be loose when deck rear is supported by the tailwheel. If not, lengthen center link until loose. Final adjustment will be made later.



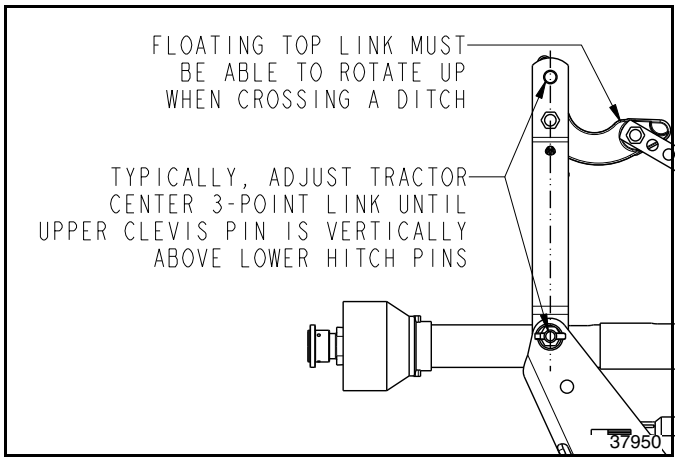
Cutting Height
Figure 3-2

3. With gloves on, carefully rotate each blade tip to the position shown in Figure 3-2.
4. Measure distance from cutting tip of blade to ground surface. This distance is the cutting height.
5. If desired cutting height cannot be obtained by adjusting the lower 3-Point arms, then readjust tailwheel height. See **"Tailwheel Height Adjustment"** on this page.
6. Repeat steps 1 to 5 until desired cutting height is achieved.
7. Set tractor's 3-Point hydraulic control stop at this height.

Tractor Center 3-Point Adjustment

Refer to Figure 3-3:

1. Lower cutter deck to the nominal cutting height.



Deck Leveling
Figure 3-3

NOTE: Customer may adjust tractor center 3-point link to his or her preference. Lengthening tractor center 3-point link allows more movement while going over raised surfaces. Shortening the link allows more movement while crossing over ditches. Also, shortening center link allows the cutter to be carried higher while traveling. Never lengthen center link to where the cutter is carried too low.

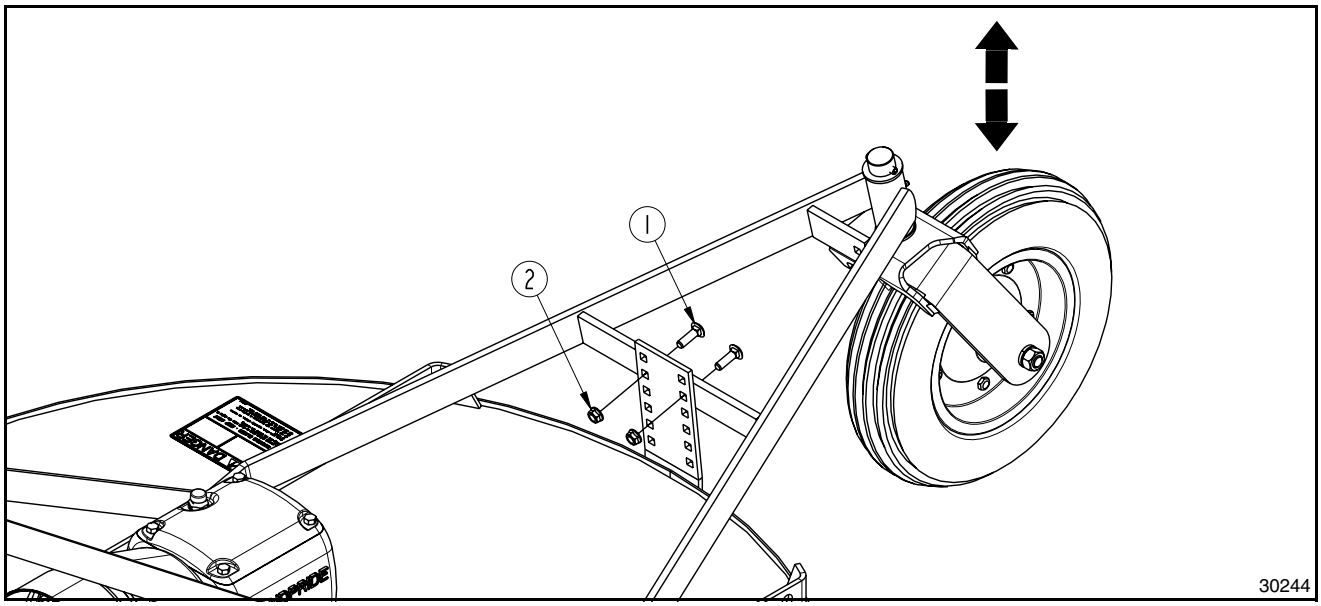
2. Typically the tractor center 3-point link is adjusted so that the upper 3-point clevis pin is straight above the lower 3-point hitch pins. This arrangement allows for optimum ground contour following performance.
3. Lock tractor center link in this position once correct length is achieved. Adjustment on center 3-point link can be made depending on customer's preference.

Tailwheel Height Adjustment

Refer to Figure 3-4:

If deck slope is slightly lower at the front than at the back and cutting height is not at the desired height, then the tailwheel must be adjusted up or down as follows:

1. Use tractor's 3-Point hydraulic control to lift cutter until the tailwheel clears the ground.
2. Remove 3/8" carriage bolt (#1) and 3/8" flange nut (#2).
3. Adjust tailwheel as follows:
   - To lower cutting height, adjust tailwheel up.
   - To increase cutting height, adjust tailwheel down.
4. With tailwheel adjusted to the correct height, replace 3/8" x 1" long carriage bolt (#1) and 3/8" flange nut (#2). Tighten flange nut to the correct torque.
5. Readjust tractor's lower 3-Point arm height as needed. See section titled **"Deck Leveling From Front to Rear"** on page 14.



Tailwheel Height Adjustment
Figure 3-4

Operating Checklist

Hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training involved in the operation, transport, storage, and maintenance of the Rotary Cutter. Therefore, it is absolutely essential that no one operates the cutter without first having read, fully understood, and become totally familiar with the Operator's Manual. Make sure the operator has paid particular attention to:

- **Important Safety Information**, pages 1 to 5
- **Section 1: Assembly and Set-Up,** page 8
- **Section 3: Adjustments**, page 14
- **Section 4: Operating Instructions**, page 16
- **Section 5: Maintenance & Lubrication**, page 20

Also make sure the operator has completed the Operating Checklist below before using the cutter.

Operating Checklist

✔	Check	Page
	Make sure all guards and shields are in place. Refer to "Important Safety Information".	Page 1
	Read and follow hook-up & preparation instructions. Refer to "Section 1: Assembly and Set-Up".	Page 11
	Read and make all required adjustments. Refer to "Section 3: Adjustments".	Page 14
	Lubricate cutter and driveline as needed. Refer to "Lubrication Points".	Page 24
	Make sure all gearboxes are properly lubricated and that all oil plugs have been replaced properly. Refer to Gearbox lubrication.	Page 24
	Check cutter initially and periodically for loose bolts and pins. Refer to "Torque Values Chart."	Page 30

Safety Information

DANGER

Do not engage tractor PTO while hooking-up and unhooking driveline or while someone is standing near the driveline. A person's body and/or clothing can become entangled in the driveline resulting in serious injury or death.

DANGER

Tractor PTO shield, gearbox shaft shield, and driveline shields must be secured in place when operating cutter to avoid injury or death from entanglement in driveline.

DANGER

Always disconnect driveline from tractor PTO shaft before servicing underside of cutter. If tractor is started with PTO engaged, the cutter can cause bodily injury or death.

DANGER

Keep others away while cutter is operating. It can discharge objects at high speeds. Therefor, the use of front and rear safety guards is required when cutting along highways and in areas where people may be present. Stop blade rotation if a bystander is within several hundred feet.

DANGER

All guards and shields must be installed and in good working condition at all times during cutter operation.

DANGER

Do not operate a broken or bent driveline. Such drivelines can break apart while rotating at high speeds causing serious injury or death. Always remove Rotary Cutter from service until damaged drivelines are repaired or replaced.

DANGER

Never place hands or feet under the deck or attempt to make adjustments to the cutter with PTO engaged. Cutter blades rotating at high speeds cannot be seen and are located close to the deck housing. Body extremities can be cut off instantly.

DANGER

Do not operate and/or travel across steep inclines where a tractor can rollover resulting in serious injury or death. Consult your tractor's manual for acceptable inclines the tractor is capable of traveling across.

DANGER

Do not use cutter as a fan. Cutting blades are not properly designed or guarded for this use. Using cutter as a fan can result in injury or death.

WARNING

Always disengage PTO, put tractor in park or set park brake, shut tractor engine off, remove ignition key, and wait for all moving parts to stop before dismounting from tractor.

WARNING

Always disengage PTO before lifting cutter up and never operate cutter in the raised position. The cutter can discharge objects at high speeds resulting in serious injury or death.

WARNING

Keep blade bolt access hole covered at all times except when servicing cutter blades. Make sure driveline is disconnected from the tractor before servicing cutter blades.

WARNING

Never allow riders including children on the tractor or cutter. They can fall and be ran over causing serious injury or death.

WARNING

Always disengage PTO before lifting cutter too high and never engage PTO with cutter raised too high. Doing so can cause rotating u-joints to break into pieces that can be thrown at high speeds causing serious injury or death.

WARNING

Do not use a PTO adapter. A PTO adapter will increase strain on the tractor's PTO shaft resulting in possible damage to shaft and driveline. It will also defeat the purpose of the tractor's master shield and could cause bodily injury or death.

WARNING

Do not use deck as a working platform. The deck is not properly designed or guarded for this use. Using deck as a working platform could cause serious injury or death.

WARNING

Do not operate cutter with loose hardware. Loose hardware can result in a breakdown causing bodily injury or death.

WARNING

Do not use cutter to lift or carry objects, to pull fence posts, stumps or other objects, or to tow other equipment. Doing so can damage the cutter, cause serious bodily injury or death.

CAUTION

Buildup of debris around moving parts is a fire hazard. Keep drivelines & other rotating parts free from debris to avoid serious injury and property damage.

CAUTION

Improper oil level can cause bearing failure and be a fire hazard. Maintain proper gearbox oil level to avoid serious injury and property damage.

CAUTION

Do not exceed rated cutting capacity of your cutter. See specifications & capacities for specified cutting capacity. Exceeding ratted cutting capacities can damage drive components, cutter blades, and deck components.

CAUTION

Do not over speed PTO or machine damage may result. This cutter is designed to operate at 540 RPM rear PTO.

Inspection of Tractor & Cutter

Make the following inspections with cutter attached to a tractor, PTO disengaged, and all moving components completely stopped:

1. Park tractor and cutter on a level surface.
2. Disengage PTO, place gear selector in park, set park brake, shut tractor off, and remove switch key. Make sure cutter blades have come to a complete stop before dismounting from tractor.
3. Inspect tractor safety equipment to make sure it is installed and in good working condition.
4. Inspect cutter safety equipment to make sure it is installed and in good working condition.
5. Check driveline to make certain it is securely connected to the tractor PTO shaft and cutter gearbox shaft.
6. Check driveline guards to make certain they are in good condition and in place.
7. Carefully raise and lower implement to ensure that the drawbar, tires, and other equipment on the tractor do not contact cutter frame or driveline.
8. With cutter resting on solid supports, PTO disengaged, and blade rotation completely stopped:
   - Check for and remove foreign objects wrapped around blade spindles.
   - Check for nicked, bent, broken, and worn cutting blades. Replace or sharpen blades as required. Refer to **"Cutter Blade Maintenance"** on page 20.
9. Remove solid supports from under the deck.
10. Verify cutter is set at the correct height. See **"Deck Leveling & Height Adjustments"** on page 14.

The remaining inspections are made by engaging the PTO to check for vibrations.

WARNING

Stop PTO immediately if vibration continues after a few revolutions during start-up and anytime thereafter. Wait for PTO to come to a complete stop before dismounting from tractor to check for probable causes. Make necessary repairs and adjustments before continuing.

IMPORTANT: Do not exceed rated cutter PTO speed. Excessive engine speed will cause damage to power train components.

11. Start tractor, set throttle to idle or slightly above idle and slowly engage PTO. Initial start-up vibration is normal and should stop after a few revolutions. Stop PTO rotation immediately if vibration continues.
12. Once the cutter is running smoothly, increase tractor PTO speed to 540 rpm. Stop PTO rotation immediately if vibration occurs.
13. Investigate cause of vibration and make repairs before putting cutter back into service.

Transporting

WARNING

When traveling on public roads, use accessory lights, SMV sign, clean reflectors, and other adequate devices to warn operators in other vehicles of your presence. Always comply with all federal, state, and local laws.

IMPORTANT: Always disengage tractor PTO before raising cutter to transport position.

1. Make sure driveline does not contact tractor or cutter when raising cutter to transport position.
2. Reduce tractor ground speed when turning and leave enough clearance so cutter does not contact obstacles such as buildings, trees, or fences.
3. Limit transport speed to 20 mph. Transport only with a farm tractor of sufficient size and horsepower.
4. When traveling on roadways, transport in such a way that faster moving vehicles may pass you safely.
5. Shift tractor to a lower gear when traveling over rough or hilly terrain.

Blade Engagement & Disengagement

Cutter blades can lock-up against each other during start-up and shut-down especially if the tractor's PTO engagement is **"INSTANT ON"** and **"INSTANT OFF"**. Following Blade Engagement and Blade Disengagement instructions on page 18 will help eliminate blade lock up.

Blade Engagement

1. Increase throttle to a speed just enough to get the cutter started without stalling tractor while slowly engaging PTO drivelines. Use tractor's PTO soft start option if available.
2. Ensure that all power shafts are rotating and that the cutter is not vibrating excessively after ramping up to PTO speed for at least 3 seconds. If excessive vibration continues after 3 seconds at full PTO speed, disengage PTO immediately, shut down tractor, and remove switch key.
3. Check blades for a lock-up situation. Block cutter deck up before working under the unit. Unlock blades, remove support blocks, and repeat **"Blade Engagement"** instructions.

Blade Disengagement

1. Slowly decrease throttle speed until engine idle speed is reached and then disengage PTO.
2. Engage tractor park brake, shut tractor engine off and remove switch key. Stay on tractor until blades have come to a complete stop.

Field Operation

WARNING

Clear area to be cut of debris and other unforeseen removable objects before cutting. Mark any potential hazards that cannot be removed such as tree stumps, post, rocks, holes, and drop-offs with a visible flag.

IMPORTANT: Maintain correct PTO speed. Loss of PTO speed will allow blades to swing back resulting in ragged, uneven cutting. Excessive engine speed will cause damage to the power train components.

IMPORTANT: Your cutter is equipped with free swinging cutting blades to reduce shock loads when striking obstacles. However, it is best to avoid striking obstacles to extend cutter and blade life.

NOTE: Do not cut in wet conditions. Wet material will build up on the deck underside creating poor discharge, high wear, and additional horsepower.

Periodically disengage PTO, turn off tractor, remove key & check for objects wrapped around blade spindle. Block deck up before removing objects.

Frequently inspect cutter for loose bolts and nuts. Tighten all loose hardware as indicated in the **"Torque Values Chart"** on page 30.

1. Thoroughly inspect area to be cut for debris and unforeseen objects. Mark any potential hazards.
2. Follow **"Blade Engagement"** instructions on this page to start cutter blades turning.
3. Optimum ground speed depends on density of material being cut, horsepower rating of tractor, and terrain. Always operate tractor at cutter's full rated PTO speed in a gear range that allows the cutter to make a smooth cut without lugging tractor down, usually between 2 to 5 mph.
4. Stop traveling and disengage PTO after the first 50 feet of cutting. Check cutter levelness and cutting height to make certain it is adjusted properly.
5. Do not engage PTO with 3-Point cutter fully raised.
6. Periodically disengage PTO, shut down tractor, remove key, and check for foreign objects wrapped around the blade spindle. Block cutter deck up before removing objects.
7. Frequently inspect cutter for loose bolts and nuts. Tighten all loose bolts and nuts as indicated in the **"Torque Values Chart"** on page 30.
8. For additional information, see **"General Operating Instructions"** on page 19.

Unhooking the Rotary Cutter

Unhook Rotary Cutter from the tractor as follows:

1. See **"Long Term Storage"** on page 23 if cutter is to be stored for a long time.
2. Park on a level solid surface and lower deck to ground level or onto support blocks.
3. Engage tractor park brake, shut tractor engine off, and remove switch key. Stay on tractor until blades have come to a complete stop.
4. Disconnect driveline from tractor.
5. Unhook 3-Point hitch from tractor and drive tractor forward several feet.
6. Reinstall hitch pins, linchpins, and hair pin cotters in cutter hitch for safe keeping.
7. Collapse driveline by pushing tractor end of driveline towards cutter gearbox.
8. Rotate driveline storage hook down and place driveline in storage hook.

General Operating Instructions

It is important that you familiarized yourself with the Operator's Manual, completed Operators Checklist, properly attached cutter to your tractor, made leveling adjustments, and preset your cutting height before beginning a running operational safety check on your Land Pride Rotary Cutter.

The running operational safety check may now be done. It is important that at any time during this safety check you detect a malfunction in either the cutter or tractor that you immediately shut the tractor off, remove its' key, and make necessary repairs and/or adjustments before continuing on.

Make sure before starting the tractor that the park brake is engaged, the PTO is disengaged, and the cutter is resting on the ground. Start the tractor and set the engine throttle speed at a low idle. Raise the cutter with the tractor's rear hydraulic lift control lever to transport position making sure that the PTO shaft does not bind and does not contact the cutter frame. Lower the cutter to the ground and at a low engine speed engage the PTO. If everything is running smoothly at a low idle, slowly raise the cutter to transport height checking for bind or chatter in the driveline. Lower the cutter to the ground and increase the tractor's engine rpm until it reaches the cutter full PTO operating speed of 540 rpm. If everything is still running smoothly, once more raise the cutter to transport height to check for driveline bind or chatter. Lower the cutter to the ground, return the engine to a low idle, and disengage the PTO. Position the adjustable stops on the tractor's hydraulic lift lever so the cutter can be consistently returned to the same cutting and transport height.

You should now be ready to transport to your cutting site at a safe ground speed. On roadways transport in such a manner that faster moving vehicles can easily see you and pass you safely. Reduce your speed when travelling over rough and hilly terrain. Avoid quick or sharp steering corrections. Take extra care to ensure that the mower doesn't come into contact with obstacles such as trees, buildings or fences. Use accessory lights and appropriate reflective devices to provide adequate warning to pedestrians and other vehicle operators when traveling on public roads and in the dark of night. Comply with all local, state, and federal laws.

It is important that you inspect the area where you will be cutting and clear it of safety hazards and foreign objects either before or after you arrive at the cutting site. Never assume the area is clear. Cut only in areas you are familiar with and are free of debris and unseen objects. Extremely tall grass should be cut twice to detect potential hazards. In the event you do strike an object stop the cutter and tractor immediately to inspect and make necessary repairs to the cutter before resuming operation. It really pays to inspect a new area and to develop a safe plan before cutting.

You will need to maintain 540 rpm PTO speed and 2 to 5 mph ground speed to produce a clean cut. Make a tractor gear and range selection that will enable you to maintain these speed combinations. Generally the quality of cut is better at lower ground speeds. Dense ground cover will create the need to slow down even more. In certain conditions tractor tires will roll grass down resulting in an uneven cut when the grass fails to rebound. Should this happens you may try reversing the direction of cut and/or double cut to achieve the desired finish. Avoid very low cutting heights especially on extremely uneven terrain. Always cut downward on slopes and avoid crossing the face of steep slopes. Avoid sharp drops and cross diagonally through dips to prevent hanging up the tractor and cutter. Slow down in turns. Remember to look back often.

Now that you're prepared and well briefed you may begin cutting. Begin mowing by doing the following:

- Reducing tractor's engine rpm.
- Make sure cutter is on the ground in cutting position and then engage PTO.
- Raise engine rpm to the appropriate 540 PTO speed and begin cutting.

Make wide turns when possible. Three-point hitch and optional Quick Hitch models can be lifted into transport position to make tight turns and to reverse direction. Try increasing or decreasing ground speed to determine the effect on quality of cut. With a little practice, you will be pleased with what you and your Land Pride cutter can do.

Whether you are done mowing, need to take a break, or just need to make a few adjustments to the cutter, remember to always do the following:

- Reduce tractor's engine rpm and disengage PTO.
- Stop on level ground, set park brake, turn off engine, and remove switch key.
- Stay on the tractor until the cutter blades have come to a complete dead stop.

Maintenance

Proper servicing and adjustments are key to the long life of any implement. With careful inspection and routine maintenance, you can avoid costly downtime and repair.

Check all bolts after using the unit for several hours to be sure they are tight. Replace any worn, damaged, or illegible safety labels by obtaining new labels from your Land Pride Dealer.

DANGER

To avoid serious injury or death:

- *Always disconnect driveline from tractor PTO shaft before servicing underside of cutter. If tractor is started with PTO engaged, the cutter can cause bodily injury or death.*
- *Always secure cutter deck in the up position with solid supports before servicing underside of cutter. Never work under equipment supported by hydraulics. Hydraulics can drop equipment if controls are actuated or if hydraulic lines burst. Either situation can drop the cutter instantly even when power to the hydraulics is shut off.*

WARNING

To avoid serious injury or death:

- *Keep blade bolt access hole covered at all times except when servicing cutter blades. Make sure driveline is disconnected from the tractor before servicing cutter blades.*
- *Do not operate cutter with blades that are out-of-balance, bent, excessively worn, excessively nicked, or with blade bolts that are excessively worn. Such blades can break loose from the cutter at high speeds causing serious injury or death.*
- *Do not attempt to straighten a bent blade or weld on a blade. Do not attempt to modify a blade such as hard surfacing, heat treating, cold treating, or by any other method. Always replace blades with a new Land Pride blades to assure safety.*

CAUTION

To avoid serious injury:

- *Buildup of debris around moving parts is a fire hazard. Keep drivelines & other rotating parts free from debris to avoid serious injury and property damage.*
- *Improper oil level can cause bearing failure and be a fire hazard. Maintain proper gearbox oil level to avoid serious injury and property damage.*
- *Do not alter Land Pride equipment or replace parts with other brands. Doing so can cause equipment to perform improperly and may lead to breakage that can cause bodily injury. Replace parts only with genuine Land Pride parts.*

Cutter Blade Maintenance

IMPORTANT: Replace cutting blades in pairs with genuine Land Pride blades only. Replacing single blades can result in an out-of-balance condition that will contribute to premature bearing wear/breakage and/or structural cracks in gearbox and/or deck.

Always inspect cutting blades before each use. Make certain they are properly installed and are in good working condition. Replace any blade that is damaged, worn, bent, or excessively nicked. Never try to straighten a bent blade! Small nicks can be ground out when sharpening. Remove cutting blades and sharpen or replace as follows:

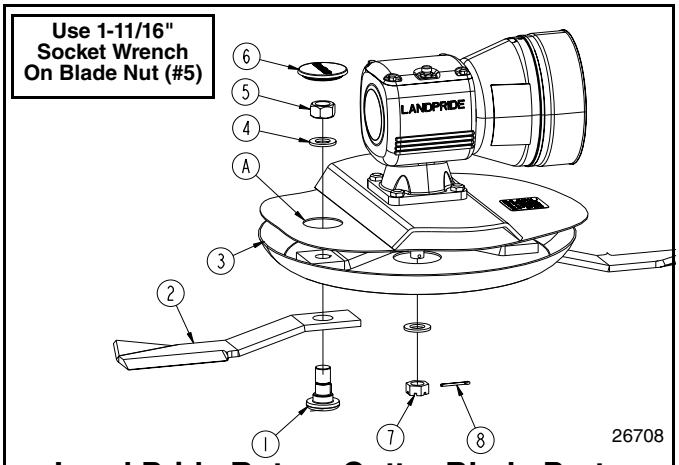
1. Place tractor gear selector in park and/or set brakes, shut engine off and remove ignition key.
2. Disconnect main driveline from tractor PTO and secure cutter deck in the up position with solid supports before servicing underside of cutter.
3. Inspect cutting blades. Make certain they are properly installed and are in good working condition. Replace any blade that is damaged, worn, bent, or excessively nicked. Small nicks can be ground out when sharpened.

Refer to Figure 4-1 on page 21:

4. Remove access cover (#6).
5. Rotate blade bolt (#1) until in alignment with access hole (A).
6. Blade bolt (#1) is keyed and will not turn freely. Unscrew locknut (#5) to remove cutting blade (#2).
7. Repeat steps 5 & 6 for the other blade.
8. Both blades should be sharpened at the same angle as the original cutting edge and must be replaced or re-ground at the same time to maintain proper balance in the cutting unit. The following precautions should be taken when sharpening blades:
   a. Do not remove more material than necessary.
   b. Do not heat and pound out a cutting edge.
   c. Do not grind blades to a razor edge. Leave a blunt cutting edge approximately 1/16" thick.
   d. Always grind cutting edge so end of blade remains square to cutting edge and not rounded.
   e. Do not sharpen back side of blade.
   f. Both blades should weigh the same with not more than 1 1/2 oz. difference. Unbalanced blades will cause excessive vibration which can damage gearbox bearings and create structural cracks.

Refer to Figure 4-2 on page 21:

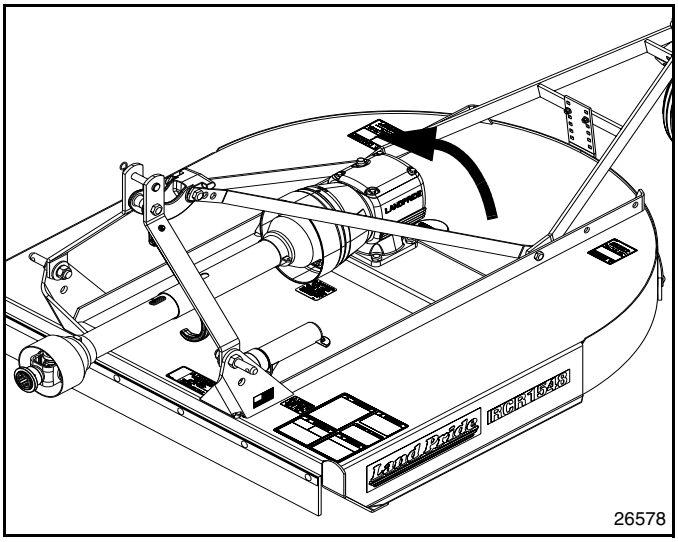
9. Carefully check cutting edges of blades in relation to blade carrier rotation to ensure correct blade placement. Blade Rotation is counterclockwise with cutting edge leading. Airfoil (lift) must be oriented towards the top of the deck.



Land Pride Rotary Cutter Blade Parts

Item	Part No.	Part Description
	326-401A	42" MATCHED BLADE KIT with 3/16" KEY (Items 1, 2, 3, 5 & 6)
	326-402A	48" MATCHED BLADE KIT with 3/16" KEY (Items 1, 2, 3, 5 & 6)
	326-185A	BLADE BOLT KIT (Items 1, 4, & 5 below)
1	802-920C	BLADE BOLT 1 1/8-12 x 3 1/2 WITH .18 KEY
2	820-229C	42" CUTTER BLADE 1/2 x 3 x 15 3/4 CCW
2	820-065C	48" CUTTER BLADE 1/2 x 3 x 15 3/4 CCW
3	326-386H	15" ROUND DISHPAN WELDMENT (SM HUB)
4	804-147C	WASHER FLAT 1 1/4 SAE PLAIN
5	803-170C	NUT HEX TOP LOCK 1 1/8-12 PLATE

Cutter Blade Assembly
Figure 4-1



Counterclockwise Blade Rotation
Figure 4-2

Refer to Figure 4-1:

IMPORTANT: Examine blade bolts (#1) and washers (#4) for excessive wear and replace if worn.

IMPORTANT: Locknuts can loose their ability to lock properly once removed. Always use a new locknut when installing blades.

10. Insert blade bolt (#1) through blade (#2), dish pan (#3), and flat washer (#4). Secure blade with a **new locknut (#5)** and torque to 450 ft-lbs.
11. Repeat step 10 for the other blade.
12. Replace access cover (#6).
13. If replacing dishpan (#3), nut (#7) on gearbox output shaft should be torqued to 450 ft-lbs. minimum and secured with cotter pin (#8) with both legs bent opposite directions around the nut.

Slip-Clutch Protected Drivelines

WARNING

Always disengage PTO, engage parking brake, shut off tractor, remove ignition key, and wait for all moving parts to come to a complete stop before dismounting tractor to make adjustments.

Cutter drive components are protected from shock loads by either a two plate friction clutch or a shear bolt. The shearbolt is designed to shear off when the blade impacts objects that the cutter is not designed to cut through. Avoid shear bolt failure by engaging the PTO slowly at low engine rpm. See your Land Pride Dealer when replacing shear bolts.

Shear Bolt, Nut & Jam Nut Part Numbers

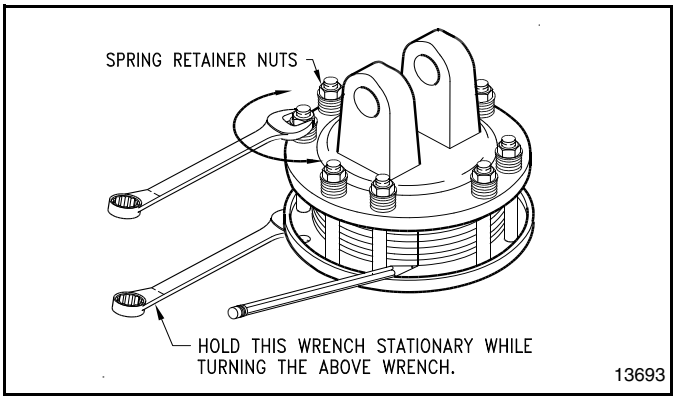
Part No.	Part Description
802-264C	HHCS 1/2-13X3 1/2 GR2
803-020C	NUT HEX 1/2-13 PLT
803-036C	NUT HEX JAM 1/2-13 PLT

Clutch Run-In

The clutch must be capable of slippage during operation to protect gearbox, driveline and other drive train parts. Friction clutches should be “Run-in” prior to initial operation and after long periods of inactivity. To protect driveline and gearbox, repeat “Run-In” instructions at the beginning of each season and when moisture and/or condensation seizes the inner friction plates.

Refer to Figure 4-3:

1. Using a pencil or other marker scribe a line across the exposed edges of the clutch plates and friction discs.
2. Carefully loosen each of the 8 spring retainer nuts by exactly 2 revolutions. It will be necessary to hold the hex end of the retainer bolt in order to count the exact number of revolutions.
3. Start the tractor and engage the driveline drive for 2-3 seconds to permit slippage of the clutch surfaces. Disengage the driveline, then re-engage a second time for 2-3 seconds. Disengage driveline, shut off tractor, and remove key. Wait for all components to stop before dismounting from tractor.



Clutch Run-In
Figure 4-3

4. Inspect the clutch and ensure that the scribed markings made on the clutch plates have changed position. Slippage has not occurred if any two marks on the friction disc and plate are still aligned.

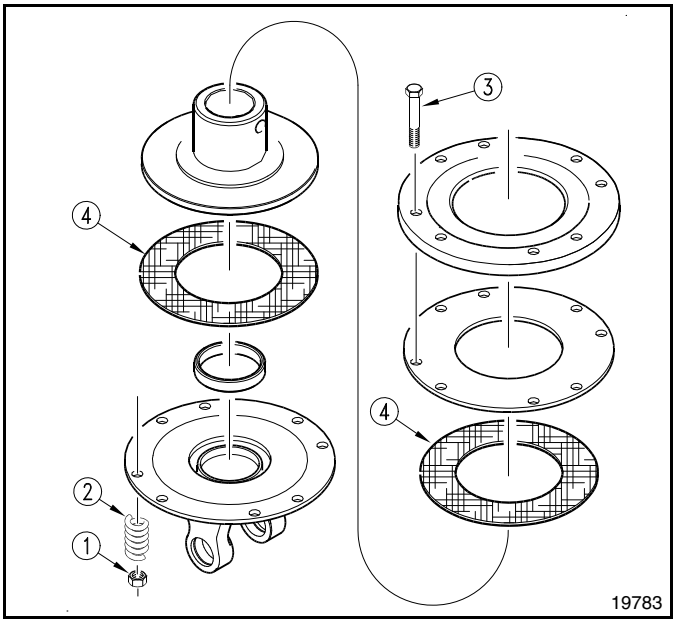
IMPORTANT: If clutch run-in procedure indicated that one or more friction disks did not slip, the clutch must be disassembled to separate the friction discs.

5. Tighten each of the 8 spring retainer nuts on the clutch housing exactly 2 revolutions to restore the clutch to the original setting pressure.
6. The clutch should be checked during the first hour of operation and periodically each week. An additional set of scribe marks can be added to check for slippage. See **"Clutch Assembly"** to adjust for proper spring length.

Clutch Disassembly

Refer to Figure 4-4:

To disassemble the clutch, first remove the spring retainer nuts (#1), springs (#2), and bolts (#3) from the assembly. Each friction disc (#4) must then be separated from the metal surface adjacent to it. Inspect all parts for excessive wear and condition. Clean all parts that do not require replacement.



Clutch Disassembly
Figure 4-4

Inspection

Inspect all parts for excessive wear and condition. Clean all parts that do not require replacement.The original friction disc thickness is 1/8" and should be replaced if the thickness falls below 3/32". If the clutches have been slipped to the point of "smoking", the friction discs may be damaged and should be replaced. Heat build-up may also affect the yoke joints.

Clutch Assembly

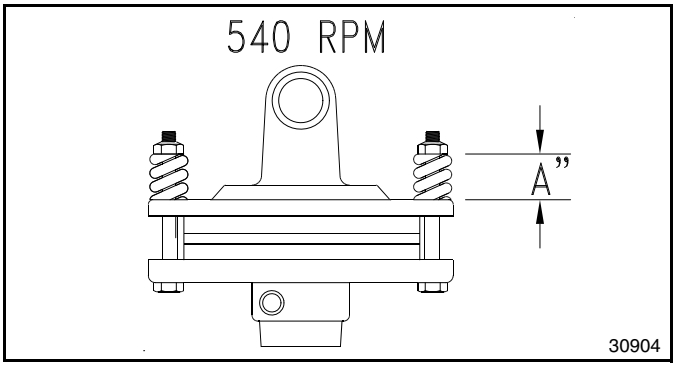
Refer to Figure 4-4:

Reassemble each friction disc (#4) next to the metal plate it was separated from. Make certain the bushing is positioned as shown. Install bolts (#3) through the end plates and intermediate plates as shown. Place springs (#2) over the bolts and secure with nuts (#1).

Refer to Figure 4-5:

Progressively tighten each spring retainer nut until correct spring length "A" is reached.

- A = 1.26"



Clutch Adjustment
Figure 4-5

Long Term Storage

Clean, inspect, service, and make necessary repairs to the cutter when parking it for long periods and when parking it at the end of a working season. This will help ensure the cuter is ready for field use the next time you hook-up to it.

DANGER

Always disconnect driveline from tractor PTO shaft before servicing drive train components and cutter blades. The PTO can be engaged if tractor is started causing bodily injury or death.

DANGER

Always secure cutter deck in the up position with solid supports before servicing underside of cutter. Never work under equipment supported by hydraulics. Hydraulics can drop equipment if controls are actuated or if hydraulic lines burst. Either situation can drop the cutter instantly even when power to the hydraulics is shut off.

1. Clean off any dirt and grease that may have accumulated on the cutter and moving parts. Scrape off compacted dirt from the bottom of deck and then wash surface thoroughly with a garden hose. A coating of oil may also be applied to the lower deck area to minimize oxidation.
2. Check blades and blade bolts for wear and replace if necessary. See **"Cutter Blade Maintenance"** on page 20.
3. Inspect for loose, damaged, or worn parts and adjust or replace as needed.
4. Repaint parts where paint is worn or scratched to prevent rust. Ask your Land Pride dealer for aerosol touch-up paint. They are also available in touch-up bottles with brush, quarts, and gallon sizes by adding TU, QT, or GL to the end of the aerosol part number.

Land Pride Touch-up Paint

Part No.	Part Description
821-011C	PAINT LP BEIGE SPRAY CAN
821-002C	PAINT LP BLACK SPRAY CAN
821-054C	PAINT MEDIUM RED SPRAY CAN
821-058C	PAINT GREEN SPRAY CAN
821-066C	PAINT LP ORANGE SPRAY CAN

5. Replace all damaged or missing decals.
6. Lubricate as noted in **"Lubrication Points"** starting on page 24.
7. Store cutter on a level surface in a clean, dry place. Inside storage will reduce maintenance and make for a longer cutter life.
8. Follow all unhooking instructions on page 19 when disconnecting tractor from cutter.

Ordering Replacement Parts

Land Pride offers equipment in factory standard beige color with black highlights. Equipment in special colors may be purchased in Green, Red, or Orange. Because of the variety of colors available, special attention must be given to the part number to prevent ordering the wrong replacement part. A suffix number corresponding to one of the colors below must be added at the end of Land Pride's part number when ordering a replacement part with that color. Parts ordered without a suffix number will be supplied in factory standard colors.

81 . . . . . Green
82 . . . . . Orange
83 . . . . . Red
85 . . . . . Black

For example, if you are ordering a replacement part with part number 555-555C and the existing part is red, then add the suffix 83 to the end of the number to make the part number read 555-555C83.

Lubrication Points

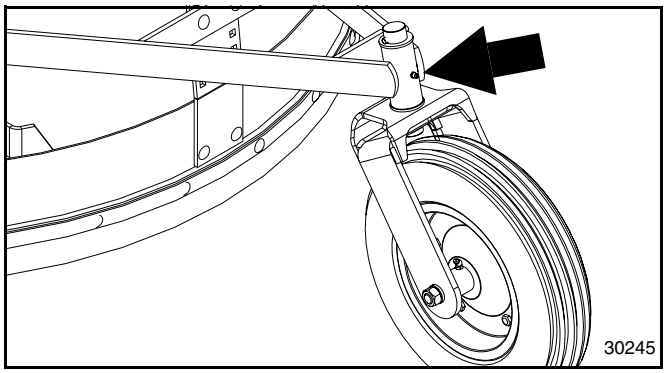
Lubrication Legend

Multi-purpose spray lube

Multi-purpose grease lube

Multi-purpose oil lube

50 Hrs — Intervals in hours at which lubrication is required

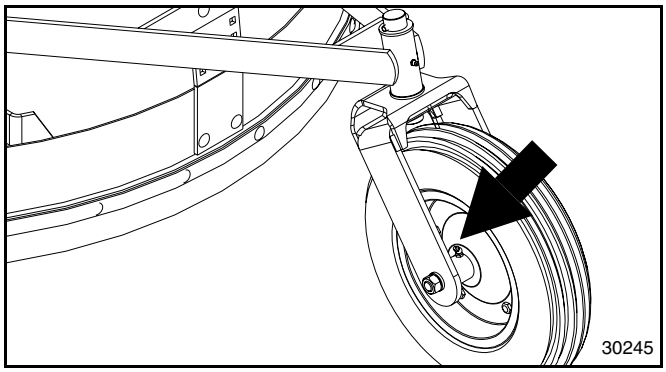


24 Hours

Gauge Wheel Spindle Tube

Type of Lubrication: Grease

Quantity = 6 pumps



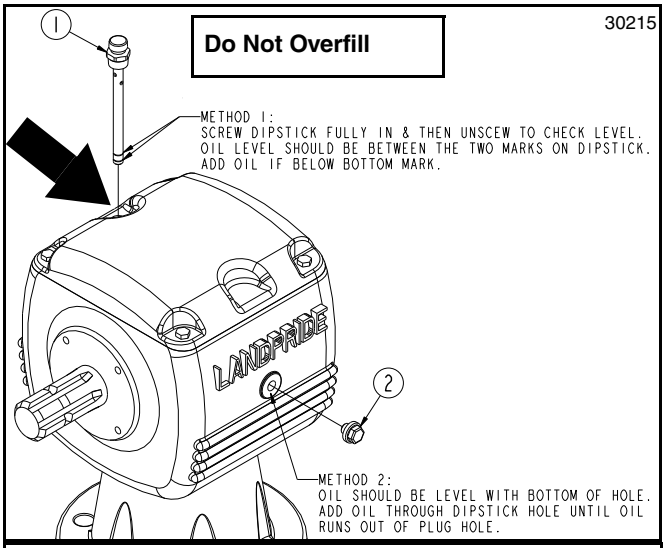
8 Hours

Gauge Wheel Hub

The gauge wheel hub is equipped with a relief hole located directly opposite the grease fitting. The relief hole releases pressure from inside the hub casting when it is greased. The hub should be greased until grease purges from the relief hole.

Type of Lubrication: Multipurpose Grease

Quantity = Until grease purges from the relief hole


30215
Do Not Overfill
1
METHOD 1:
SCREW DIPSTICK FULLY IN & THEN UNSCEW TO CHECK LEVEL.
OIL LEVEL SHOULD BE BETWEEN THE TWO MARKS ON DIPSTICK.
ADD OIL IF BELOW BOTTOM MARK.
LANDPRIDE
2
METHOD 2:
OIL SHOULD BE LEVEL WITH BOTTOM OF HOLE.
ADD OIL THROUGH DIPSTICK HOLE UNTIL OIL
RUNS OUT OF PLUG HOLE.

IMPORTANT: Your cutter is shipped with a vented dipstick packaged in the Operator's Manual bag and should have been installed in the gearbox by your Land Pride dealer. Please see your Land Pride dealer if vented dipstick was not included.

NOTE: Use a suction or siphon pump to drain gearboxes of oil when there is not an oil drain plug.

8 Hours

Gearbox

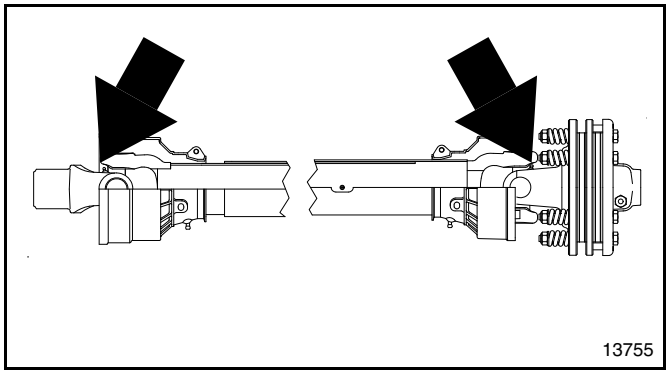
NOTE: Do not overfill! Cutter should be level when checking oil. Oil expands when hot, therefore, always check oil level when cold.

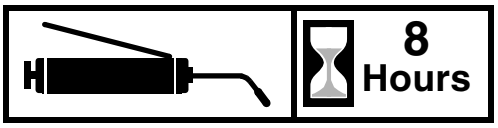
Method 1: Unscrew top vented dipstick (#1). Wipe oil from dipstick and screw dipstick in without tightening. Unscrew dipstick and check oil on dipstick. If below bottom level mark, add recommended gear lube through dipstick hole until oil reaches top mark on dipstick. Reinstall vented dipstick and tighten.

Method 2: Remove side oil plug (#2). If oil is below bottom of plug hole, add recommended gear lube through top dipstick hole until oil flows out of side plug hole. Reinstall and tighten side oil plug (#2) and vented dipstick (#1).

Type of Lubrication: 80-90W EP Gear Lube

Quantity = Fill until oil reaches top mark on dipstick or begins to flow out side plug hole in gearbox.

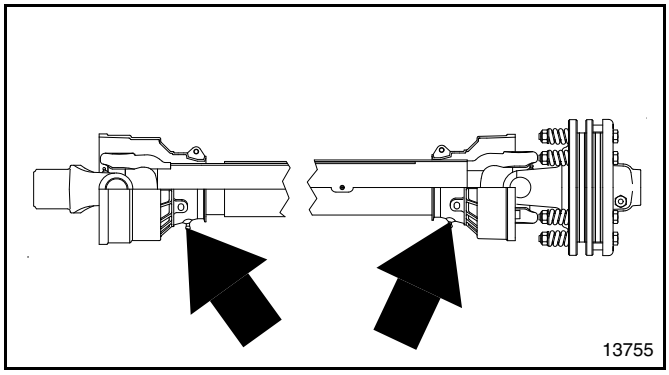


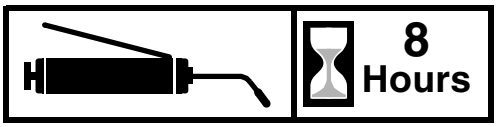


Driveline U-Joints

Type of Lubrication: Grease

Quantity = 6 pumps

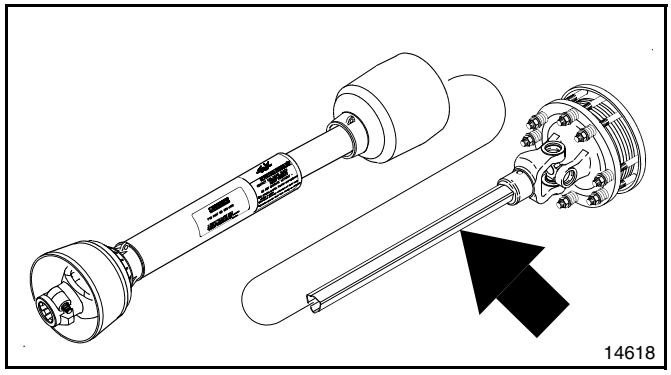


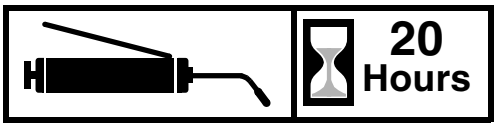


Driveline Shield Bearings

Type of Lubrication: Grease

Quantity = 6 pumps



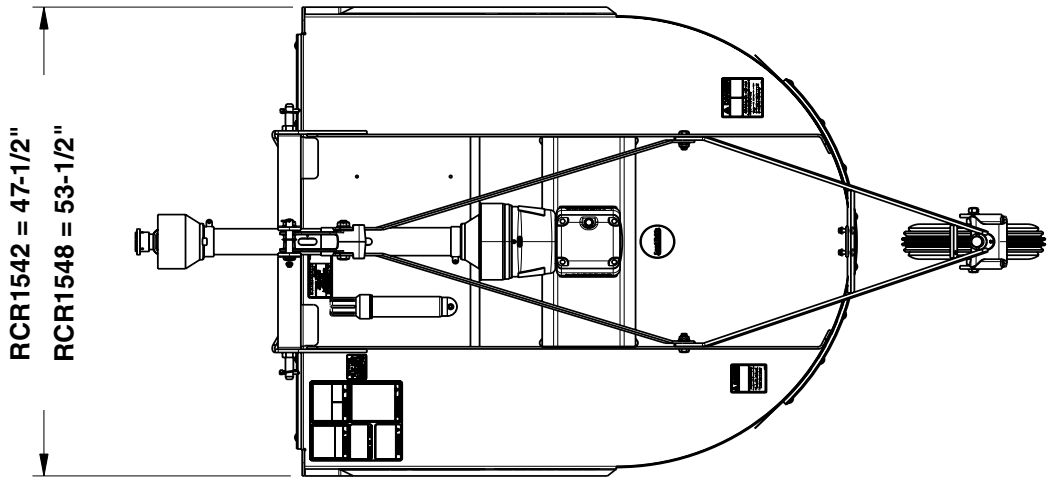


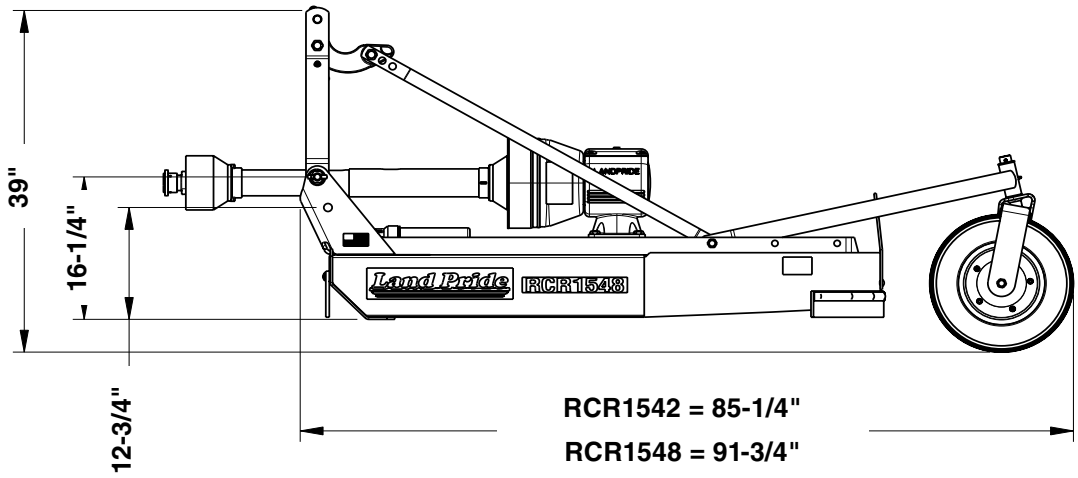
Driveline Profiles

Quantity = Clean & coat the inner tube of the driveline with a light film of grease and then reassemble.

RCR15 Series Rotary Cutters

Specifications & Capacities		
	RCR1542	**RCR1548**
Machine Weight (with Front Guard)	402 lbs.	424 lbs.
Hitch	Category I & Category 1 limited, Quick Hitch ready	
Cutting Width	42"	45 1/2"
Overall Width	47 1/2"	53 1/2"
Overall Length (Including Tailwheel)	85 1/4"	91 3/4"
Deck Height (Bottom of Deck to Bottom of Skid Shoe)	7 1/4"	
Cutting Height	1 3/4" - 11 1/2"	
Cutting Capacity	2" (Grass, weeds & light brush)	
Recommended Tractor HP	20-50 HP	
PTO Speed	540 RPM	
Gearbox Rating H.P	50 HP	
Gearbox (Speed up beveled gears)	540 rpm PTO Driven Gearbox 1:1.93 Cast Iron Housing	
Gearbox Oil Capacity & Lubrication	4.5 Pints of Gear Lube 80-90W EP	
Deck Construction	One Piece Reinforced Deck	
Deck Material Thickness	12 Gauge	
Skids	1/4" X 2" Weld on	
Stump Jumper	Round Pan 10 ga. x 24"	Round Pan 10 ga. x 24"
Blades (2)	1/2" x 3" Heat Treated Alloy Steel Free-Swinging Blades	
Blade Bolts	Keyed with Harden Flat Washer and Lock Nut	
Blade Tip Speed	11,459 fpm	13,090 fpm
Driveline	ASAE Category 3	
Driveline Protection	Standard 1/2" Center Shearbolt protection Optional - Center Bolt 2 plate Slip Clutch	
Tailwheel	4" x 16" Solid Rubber Tire	
Safety Guards (Optional)	Rubber (front and rear)	


RCR1542 = 47-1/2"
RCR1548 = 53-1/2"


39"
16-1/4"
12-3/4"
Land Pride
RCR1548
RCR1542 = 85-1/4"
RCR1548 = 91-3/4"

30246

RCR15 Series

Features	Benefits
Surpassed rugged industry standards	All Land Pride Cutters have been designed and tested and meet rigorous voluntary testing procedures specified by ANSI.
5 Year gearbox warranty	Shows our confidence in the gearbox integrity.
Cat. 3 driveline with shear-bolt	Shear bolt offers maximum driveline protection.
Cat. 3 driveline with 2-plate slip-clutch	Slip-clutch driveline offers convenience for continual work.
Floating top link	Provides for easy hook-up. Permits deck to follow the terrain for an even cut. Two hole position to allow greater lift leverage for smaller tractors.
Fully welded deck	Robotic welded. Adds additional strength.
Round back design	Helps discharge grass better than enclosed or partially enclosed cutters.
Cutting Height	1" - 9" cutting height for wide range of cutting conditions.
Full length skid shoes	Provides sidewall reinforcement and full protection to bottom of sidewall.
1/2" x 3" Heat-treated free swinging blades	Free swinging protects from obstructions. Heat-treated offers longer life.
Splined blade bar hub	Allows for tight positive fit of stump jumper and blade bar to gearbox output shaft.
10 Gauge stump jumper	Allows cutter to slide over obstructions protecting the gearbox output shaft.
High blade tip speed	Ensures clean cut. 42" = 11,459 fpm 48" = 13,090 fpm
Laminated tailwheel	Laminated material is long lasting in rough conditions.
Solid rubber tailwheel	Can't go flat.
Heavy-duty spindle on tailwheel	Tailwheels take a beating, 1 1/4" spindle gives the strength to protect tailwheel assembly.
Guarding	Protect against flying debris. Customer can choose to include rubber on the front and rear.
Driveline Holder	Keeps driveline up out of dirt. Easier hook up of driveline.

Troubleshooting Chart

Problem	Cause	Solution
Oil seal leaking	Gearbox overfilled	Drain to side plug hole
	Seals damaged	Replace seals
	Grass or wire wrapped on shaft in seal area	check seal areas daily
Driveline yoke or cross failing	Shock load	Avoid hitting solid objects
	Needs lubrication	Lubricate every 8 hours
Driveline clutch is slipping	Scalping the ground	Raise cutting height
	Cutting too fast	Reduce travel speed
	PTO being engaged too fast at high engine rpm	Slowly engage PTO at low engine rpm
	Cutting over solid objects	Avoid solid objects
Bent Driveline (NOTE: driveline should be repaired or replaced if bent)	Contacting frame	Reduce lift height in transport position
	Contacting drawbar	Reposition drawbar
	Bottoming out	Shorten driveline
Driveline telescoping tube failing	Shock load	Avoid hitting solid objects
Driveline telescoping tube wearing	Needs lubrication	Lubricate every 20 hours
Blades wearing excessively	Cutting on sandy ground	Raise cutting height
	Contacting ground frequently	Raise cutting height
Blades breaking	Hitting solid objects	Avoid hitting solid objects
	Blades hitting each other	Blade carriers need to be timed
Blades coming loose	Blades not tightened properly	Tighten blade hardware (refer to “Cutter Blade Maintenance” on page 20
	Improper deck attitude	Lower front of deck, see page 14
Blade carrier becomes loose	Running loose in the past	Replace gearbox output shaft and blade carrier
	Blade carrier hardware not tight enough	Tighten to specified torque
Blade bolt holes worn	Blade hardware running loose	Replace blades and blade bolts if worn
Blade carrier bent	Hitting solid objects	Avoid hitting solid objects and replace blade carrier
Excessive side skid wear	Cutting height not level	Adjust cutter height
	Soil abrasive	Adjust cutter height
	Cutting too low	Adjust cutter height
Tail wheel support failing	Lowering too fast	Adjust rate of drop
	Hitting objects when turning	Reduce speed on turns
Excessive vibration	Driveline bent	Replace driveline
	Blades loose	Tighten blade bolts
	Blade carrier bent	Replace blade carrier
	Blade broken	Replace blade
	Blade will not swing	Remove and inspect blade
	Blades have unequal weight	Replace both blades

Torque Values Chart for Common Bolt Sizes

Bolt Size (inches)	Bolt Head Identification Grade 2		Grade 5		Grade 8	
in-tpi [1]	N · m [2]	ft-lb [3]	N · m	ft-lb	N · m	ft-lb
1/4" - 20	7.4	5.6	11	8	16	12
1/4" - 28	8.5	6	13	10	18	14
5/16" - 18	15	11	24	17	33	25
5/16" - 24	17	13	26	19	37	27
3/8" - 16	27	20	42	31	59	44
3/8" - 24	31	22	47	35	67	49
7/16" - 14	43	32	67	49	95	70
7/16" - 20	49	36	75	55	105	78
1/2" - 13	66	49	105	76	145	105
1/2" - 20	75	55	115	85	165	120
9/16" - 12	95	70	150	110	210	155
9/16" - 18	105	79	165	120	235	170
5/8" - 11	130	97	205	150	285	210
5/8" - 18	150	110	230	170	325	240
3/4" - 10	235	170	360	265	510	375
3/4" - 16	260	190	405	295	570	420
7/8" - 9	225	165	585	430	820	605
7/8" - 14	250	185	640	475	905	670
1" - 8	340	250	875	645	1230	910
1" - 12	370	275	955	705	1350	995
1-1/8" - 7	480	355	1080	795	1750	1290
1-1/8" - 12	540	395	1210	890	1960	1440
1-1/4" - 7	680	500	1520	1120	2460	1820
1-1/4" - 12	750	555	1680	1240	2730	2010
1-3/8" - 6	890	655	1990	1470	3230	2380
1-3/8" - 12	1010	745	2270	1670	3680	2710
1-1/2" - 6	1180	870	2640	1950	4290	3160
1-1/2" - 12	1330	980	2970	2190	4820	3560

Bolt Size (Metric)	Bolt Head Identification 5.8 Class 5.8		8.8 Class 8.8		10.9 Class 10.9	
mm x pitch [4]	N · m	ft-lb	N · m	ft-lb	N · m	ft-lb
M 5 X 0.8	4	3	6	5	9	7
M 6 X 1	7	5	11	8	15	11
M 8 X 1.25	17	12	26	19	36	27
M 8 X 1	18	13	28	21	39	29
M10 X 1.5	33	24	52	39	72	53
M10 X 0.75	39	29	61	45	85	62
M12 X 1.75	58	42	91	67	125	93
M12 X 1.5	60	44	95	70	130	97
M12 X 1	90	66	105	77	145	105
M14 X 2	92	68	145	105	200	150
M14 X 1.5	99	73	155	115	l215	160
M16 X 2	145	105	225	165	315	230
M16 X 1.5	155	115	240	180	335	245
M18 X 2.5	195	145	310	230	405	300
M18 X 1.5	220	165	350	260	485	355
M20 X 2.5	280	205	440	325	610	450
M20 X 1.5	310	230	650	480	900	665
M24 X 3	480	355	760	560	1050	780
M24 X 2	525	390	830	610	1150	845
M30 X 3.5	960	705	1510	1120	2100	1550
M30 X 2	1060	785	1680	1240	2320	1710
M36 X 3.5	1730	1270	2650	1950	3660	2700
M36 X 2	1880	1380	2960	2190	4100	3220

[1] in-tpi = nominal thread diameter in inches-threads per inch

[2] N· m = newton-meters

[3] ft-lb= foot pounds

[4] mm x pitch = nominal thread diameter in millimeters x thread pitch

Torque tolerance + 0%, -15% of torquing values. Unless otherwise specified use torque values listed above.

Additional Torque Values

Blade Bolt Lock Nut	450 ft-lbs
Blade Carrier Hub Nut	450 ft-lbs Minimum

Warranty

Land Pride warrants to the original purchaser that this Land Pride product will be free from defects in material and workmanship beginning on the date of purchase by the end user according to the following schedule when used as intended and under normal service and conditions for personal use.

Overall Unit: One year Parts and Labor

Gearbox:(S/N 379869+) 5 years on Parts & Labor

Blades, tires and driveline friction discs: Considered wear items

This Warranty is limited to the repair or replacement of any defective part by Land Pride and the installation by the dealer of any such replacement part, and does not cover common wear items such as blades, belts, tines, etc. Land Pride reserves the right to inspect any equipment or parts which are claimed to have been defective in material or workmanship.

This Warranty does not apply to any part or product which in Land Pride's judgment shall have been misused or damaged by accident or lack of normal maintenance or care, or which has been repaired or altered in a way which adversely affects its performance or reliability, or which has been used for a purpose for which the product is not designed. Misuse also specifically includes failure to properly maintain oil levels, grease points, and driveline shafts.

Claims under this Warranty must be made to the dealer which originally sold the product and all warranty adjustments must be made through such dealer. Land Pride reserves the right to make changes in materials or design of the product at any time without notice.

This Warranty shall not be interpreted to render Land Pride liable for damages of any kind, direct, consequential, or contingent to property. Furthermore, Land Pride shall not be liable for damages resulting from any cause beyond its reasonable control. This Warranty does not extend to loss of crops, any expense or loss for labor, supplies, rental machinery or for any other reason.

No other warranty of any kind whatsoever, express or implied, is made with respect to this sale; and all implied warranties of merchantability and fitness for a particular purpose which exceed the obligations set forth in this written warranty are hereby disclaimed and excluded from this sale.

This Warranty is not valid unless registered with Land Pride within 30 days from the date of purchase by the end user.

IMPORTANT: The Online Warranty Registration should be completed by the dealer at the time of purchase. This information is necessary to provide you with quality customer service.

Model Number _____ **Serial Number** _____

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